

Fig. 1

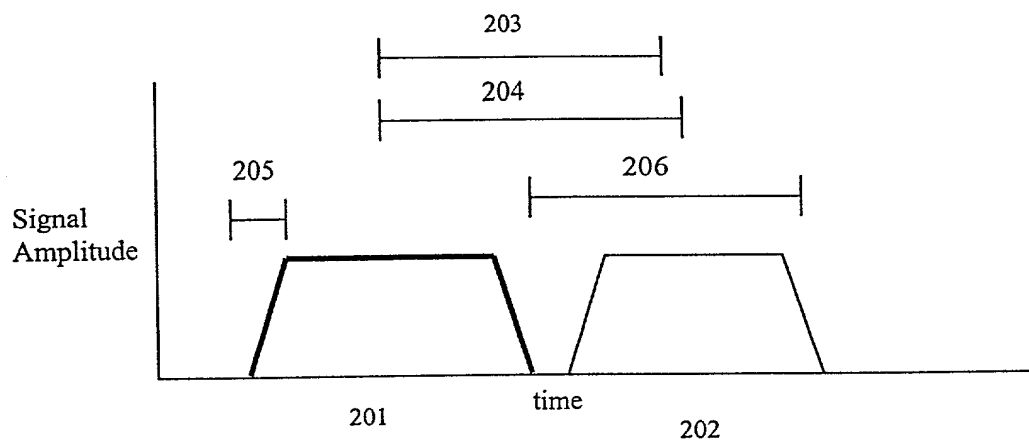


Fig. 2A

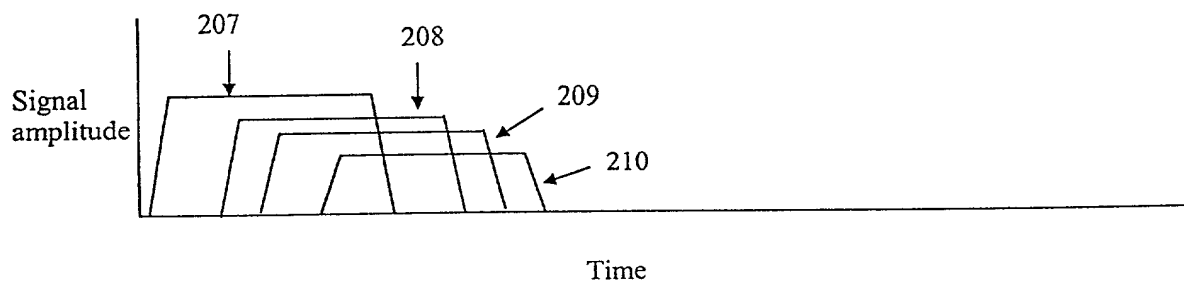


Fig. 2B

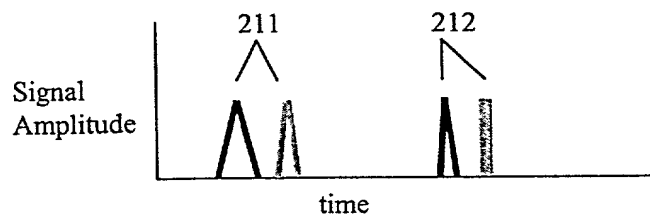


Fig. 2C

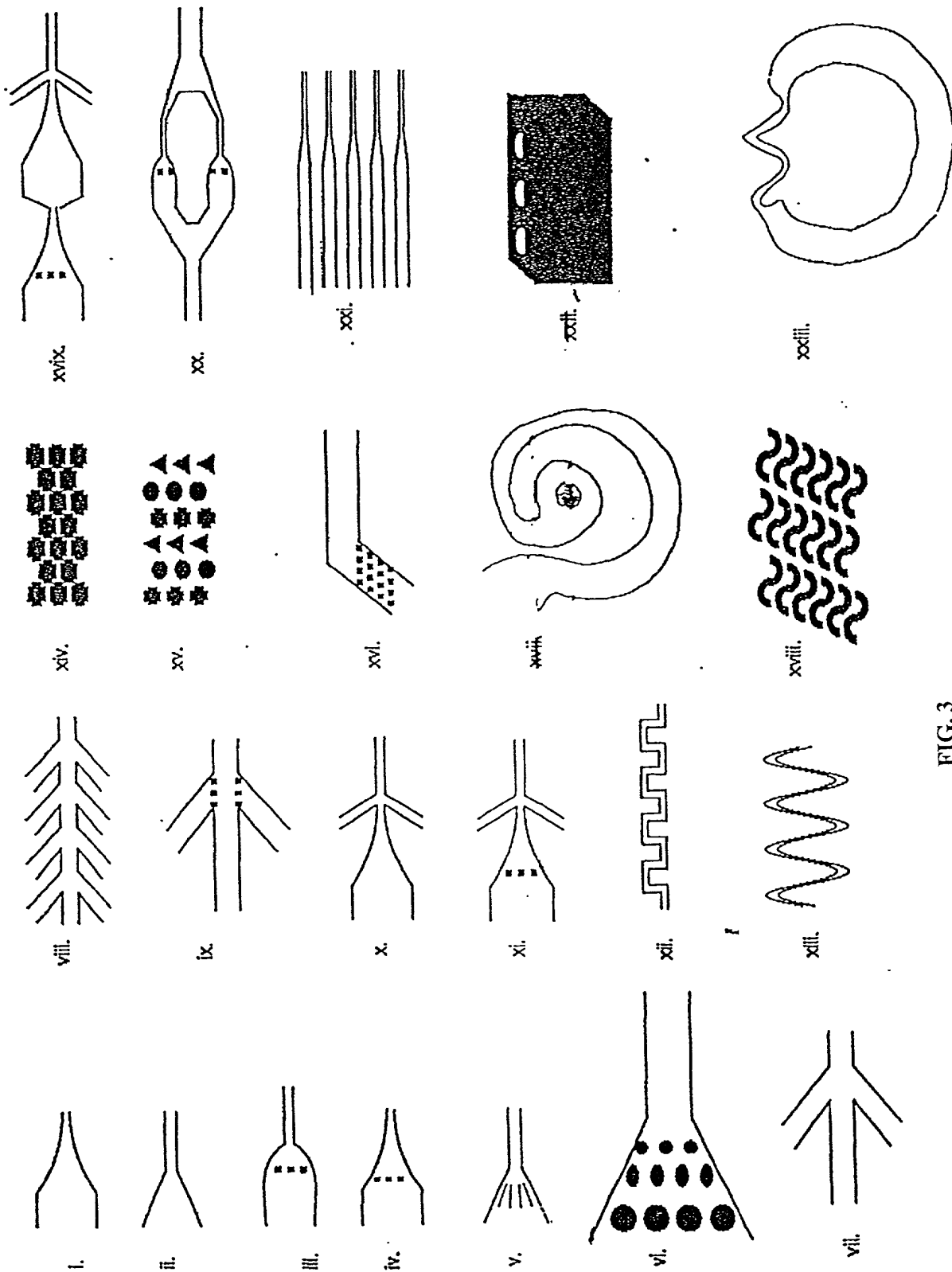


FIG. 3

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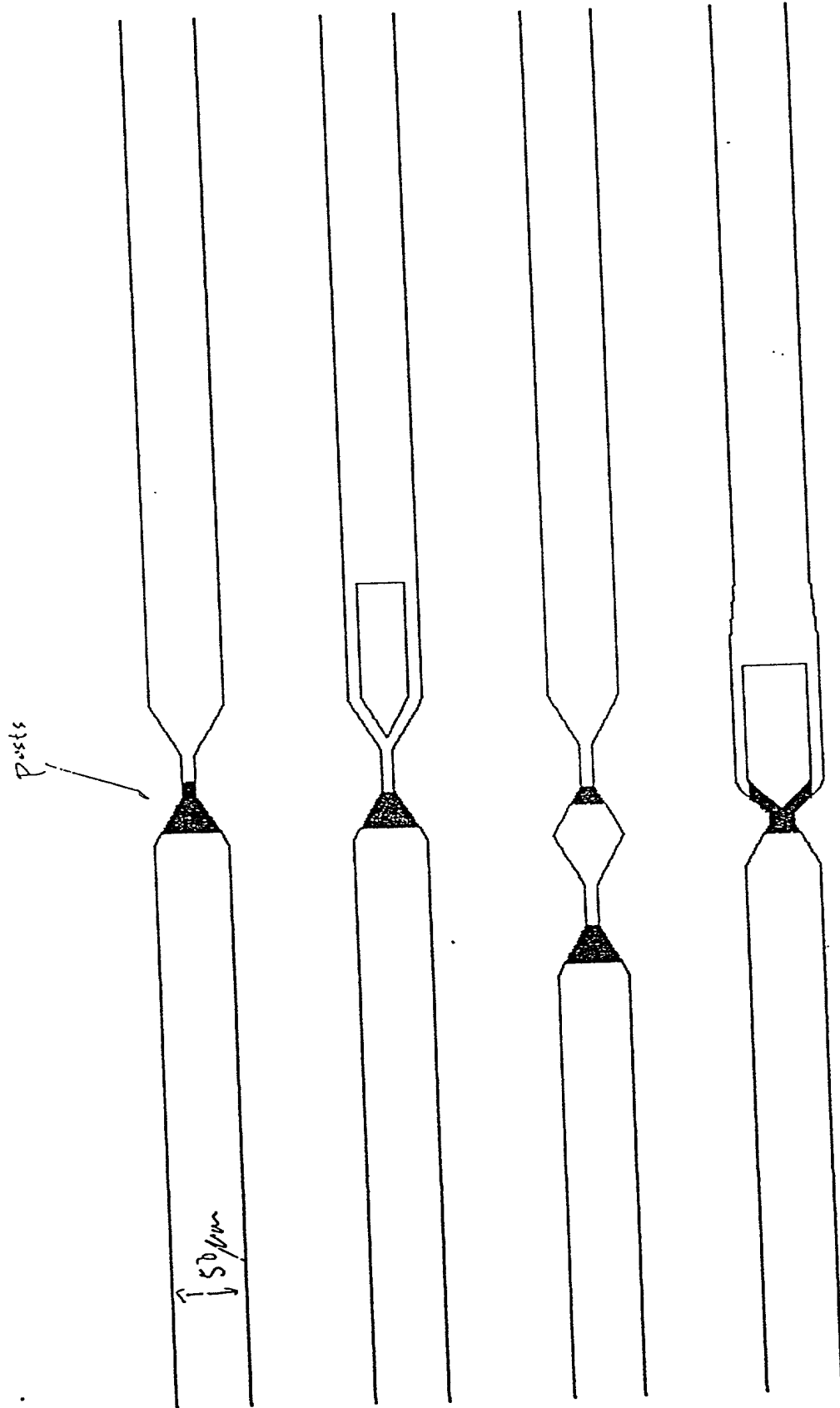


FIG. 4(a)

10066-021

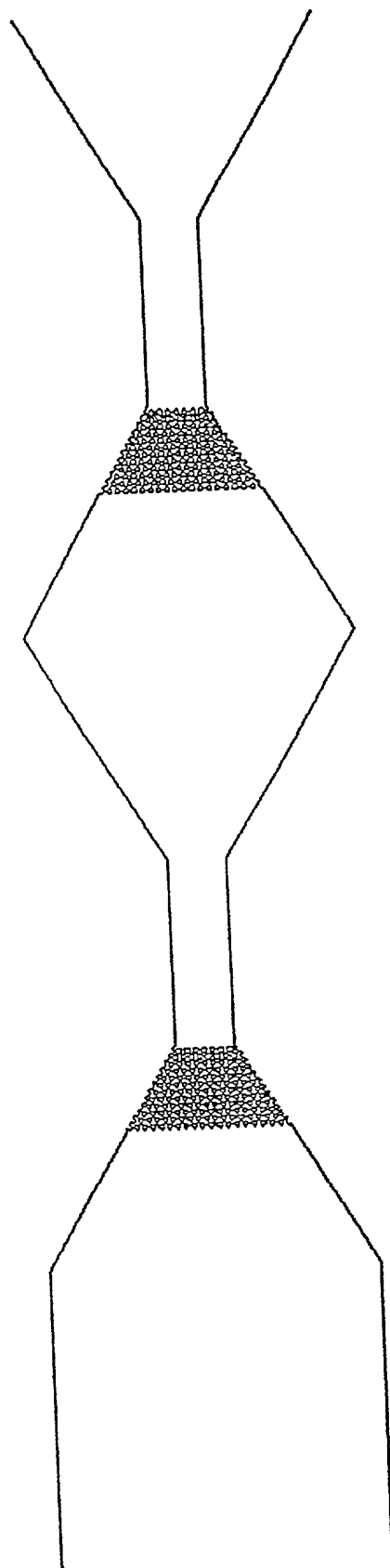


FIG. 4(b)

10066-021

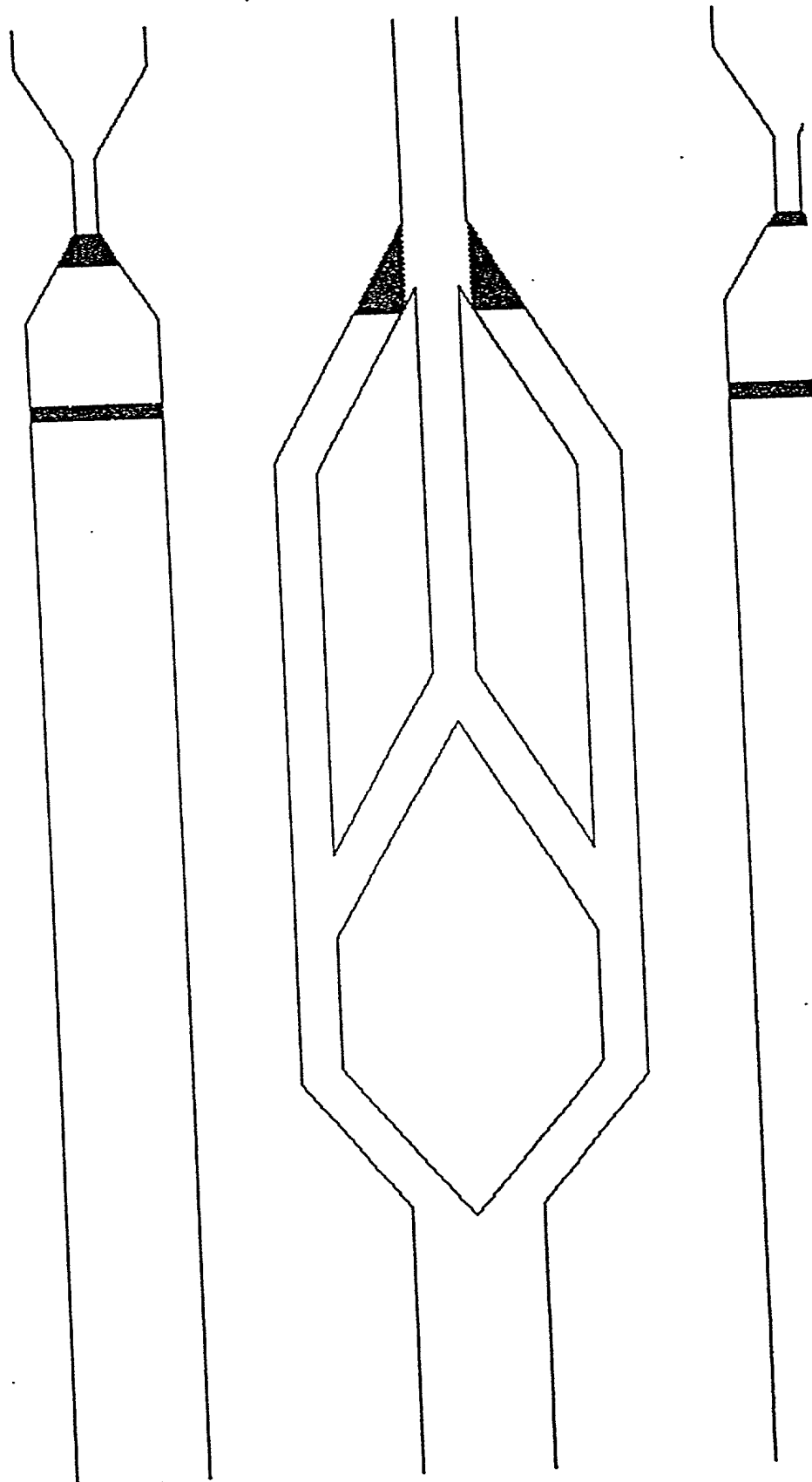


FIG. 4(c)

10066-021

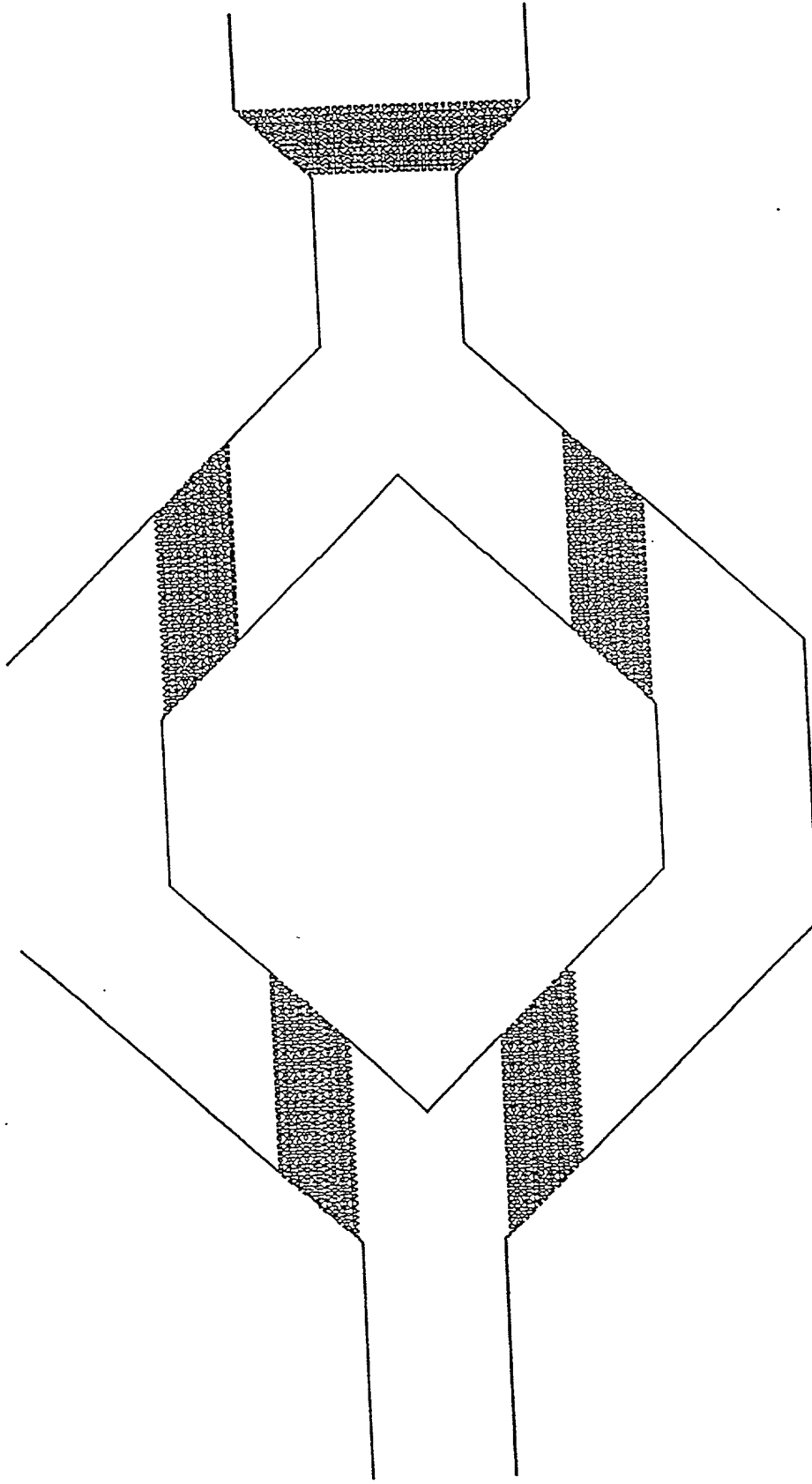


FIG. 4(d)

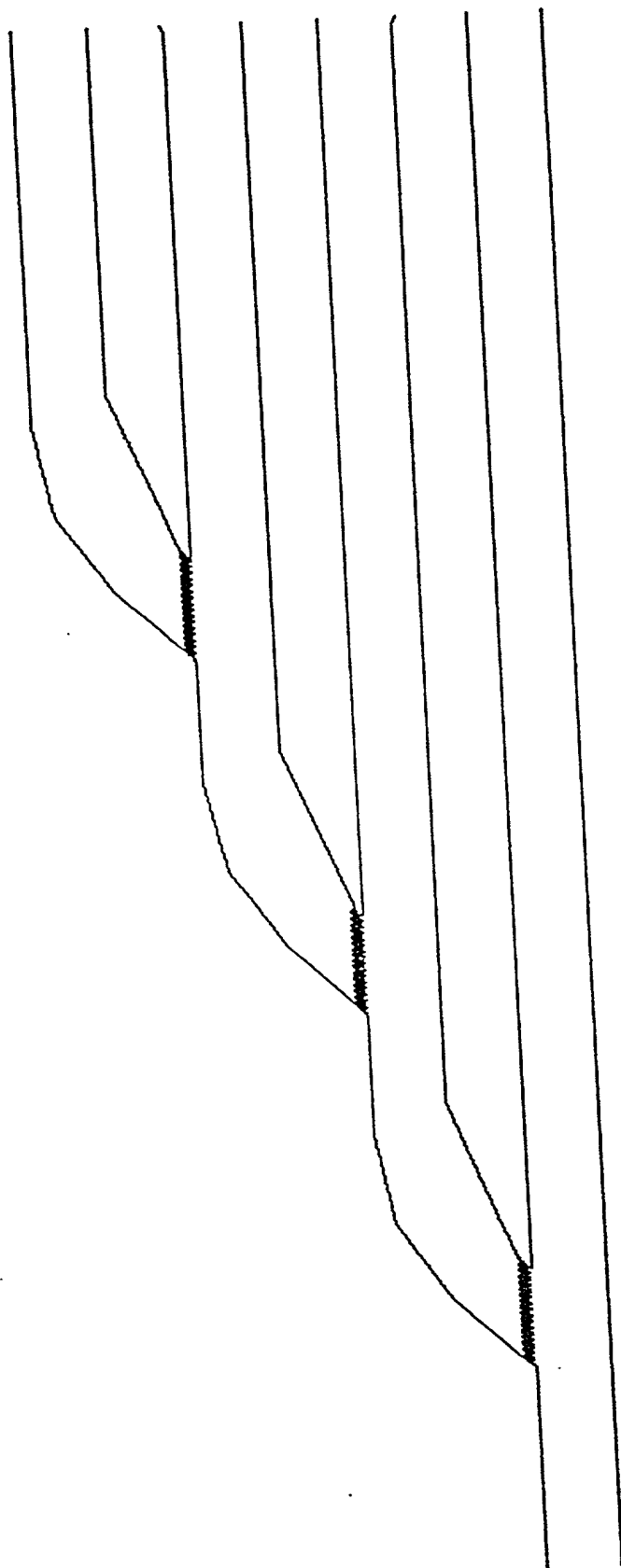


FIG. 4(e)



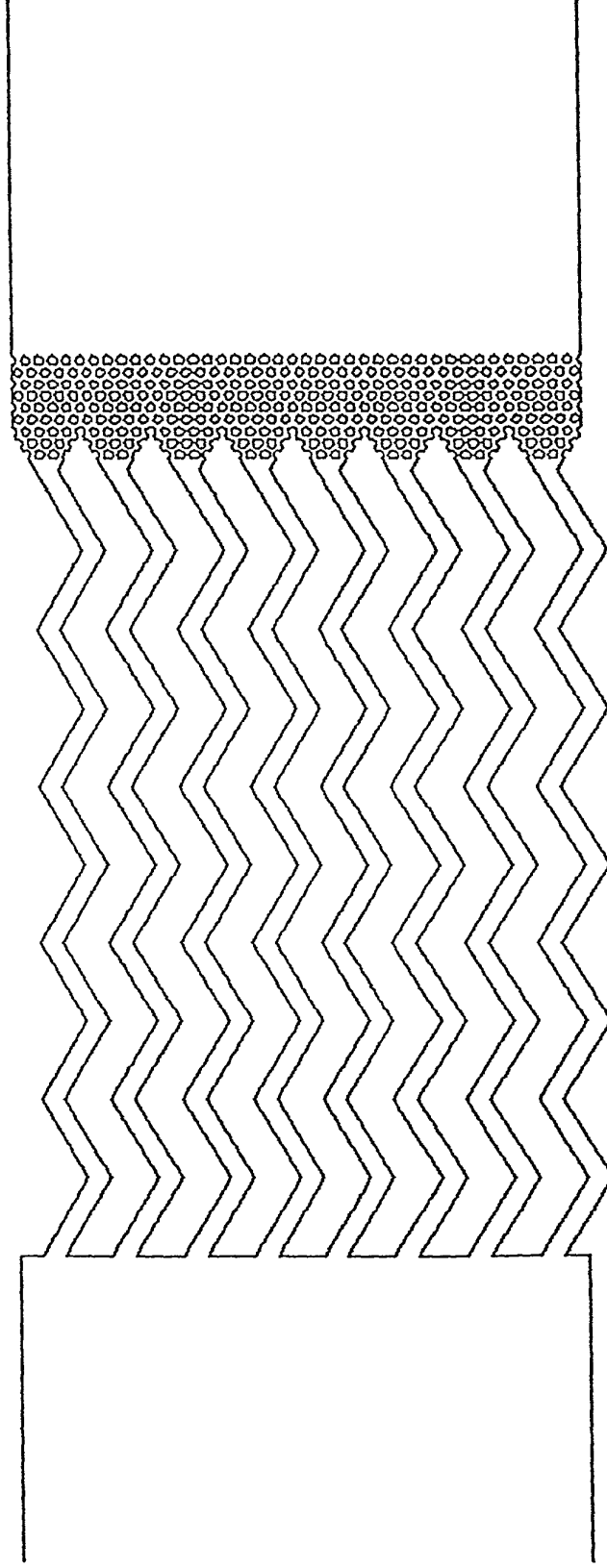


FIG. 4(f)

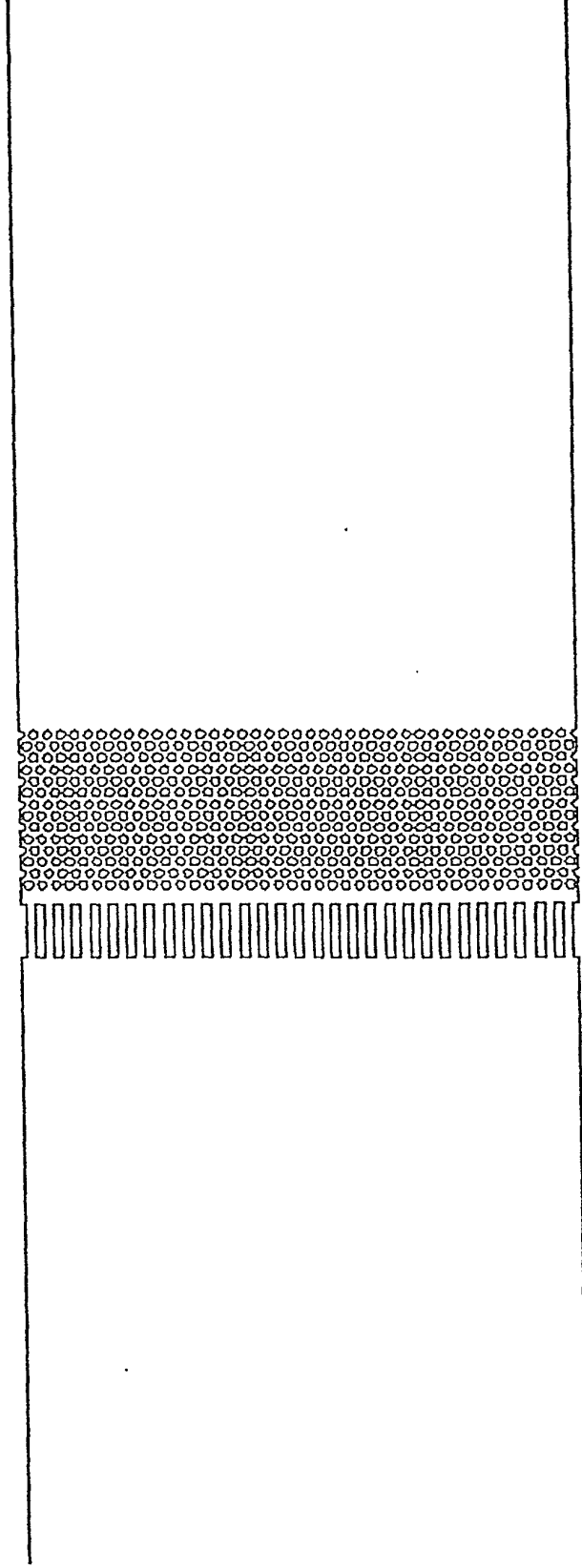


FIG. 4(g)

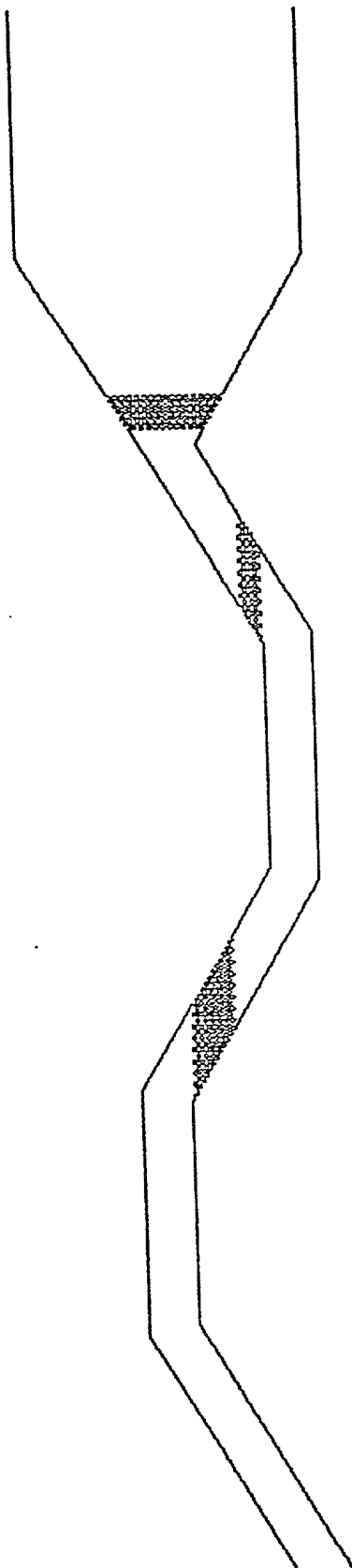


FIG. 4(h)

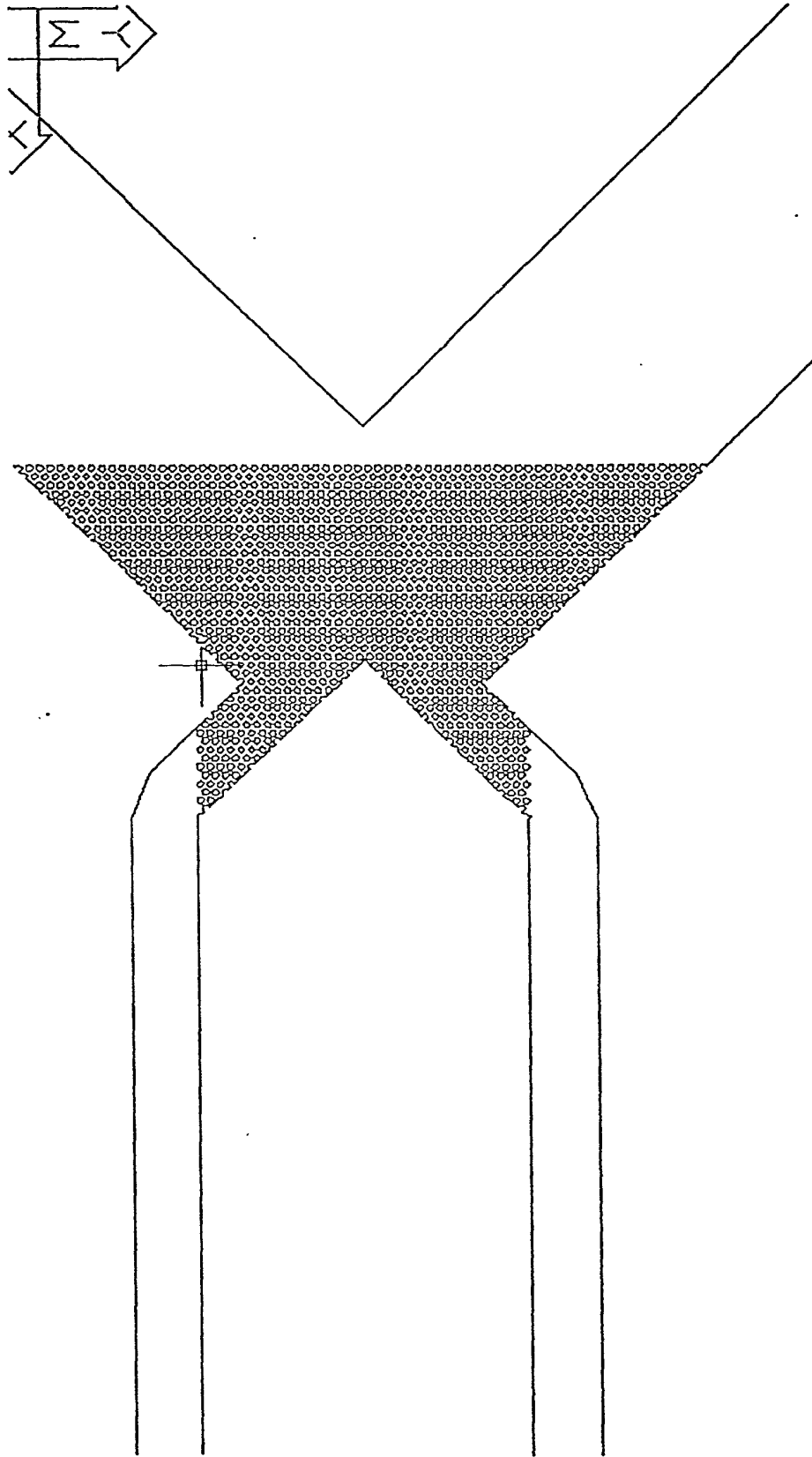


FIG. 4(i)

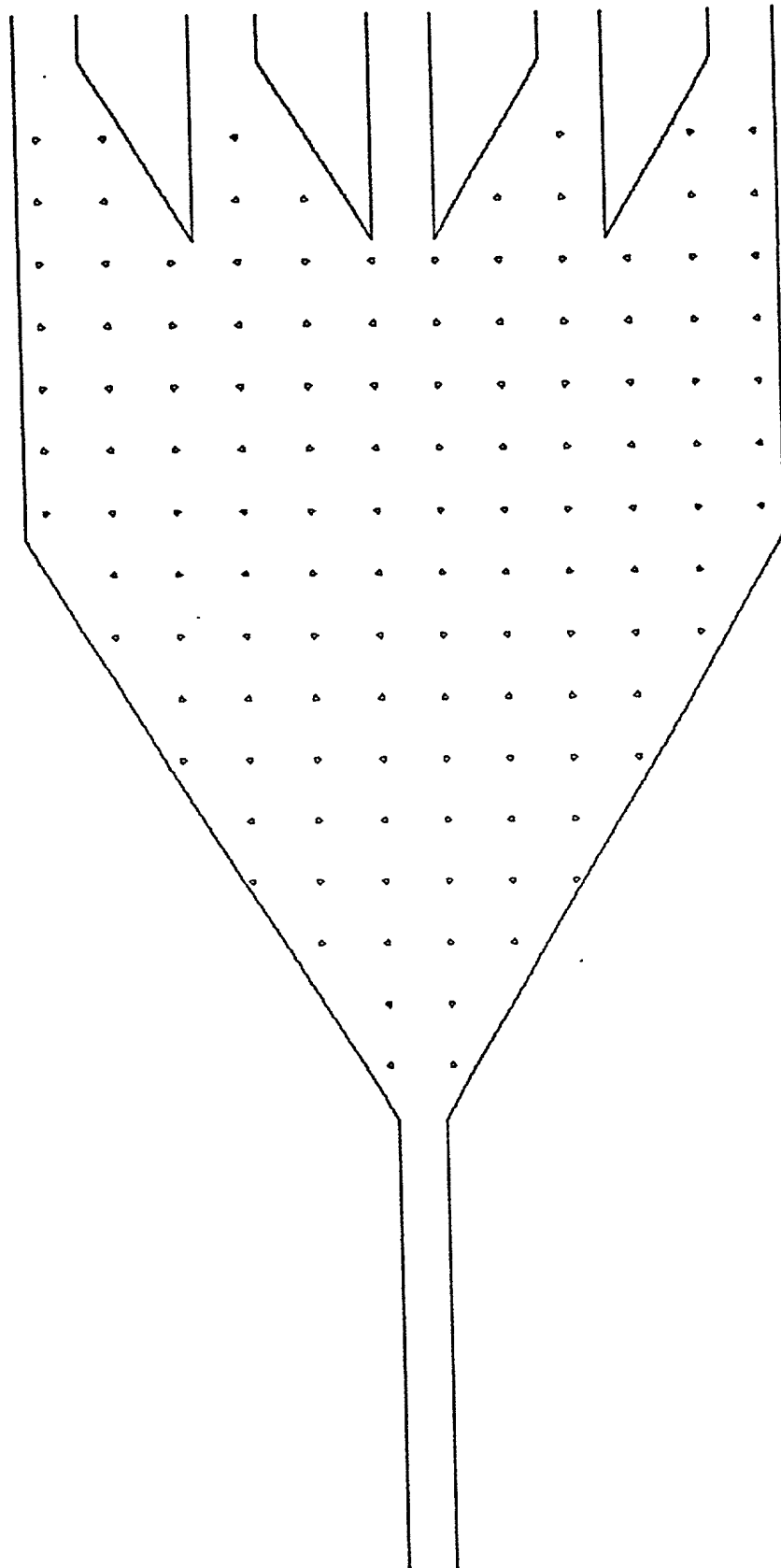


FIG. 4(j)

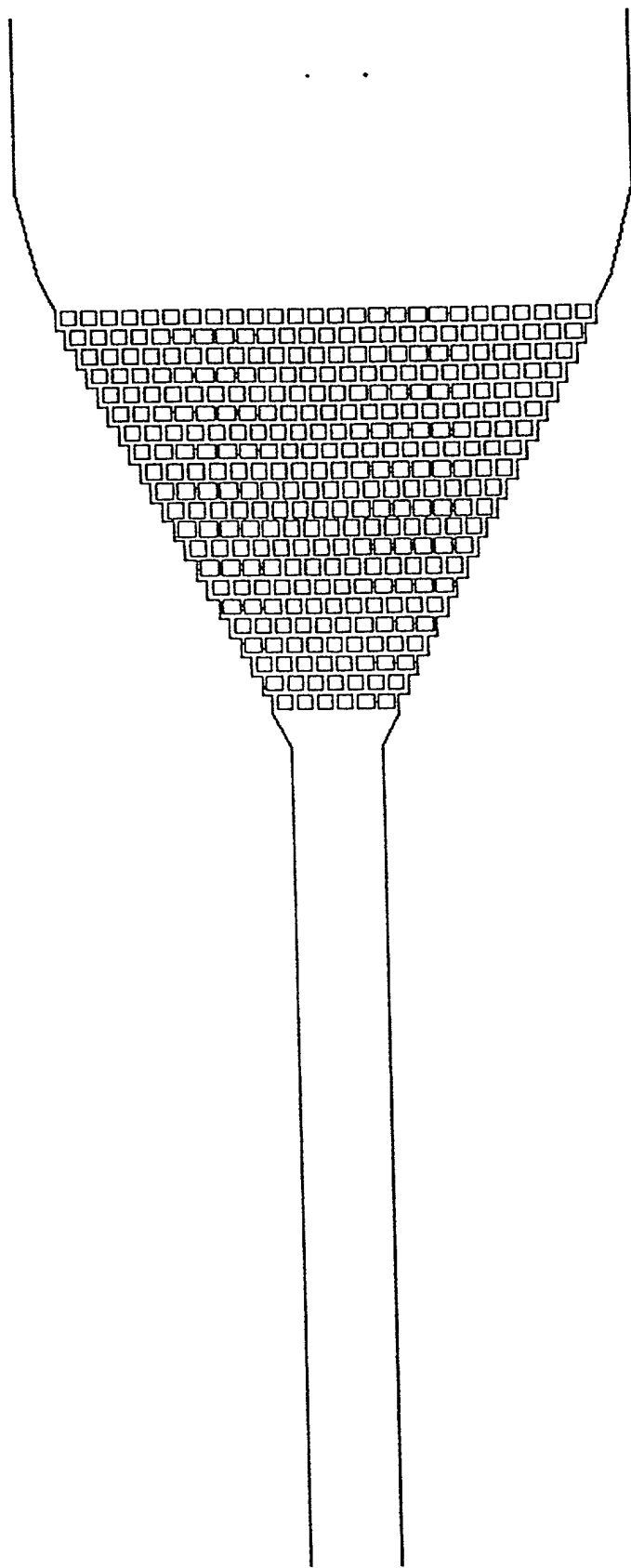


FIG. 4(k)

10066-021

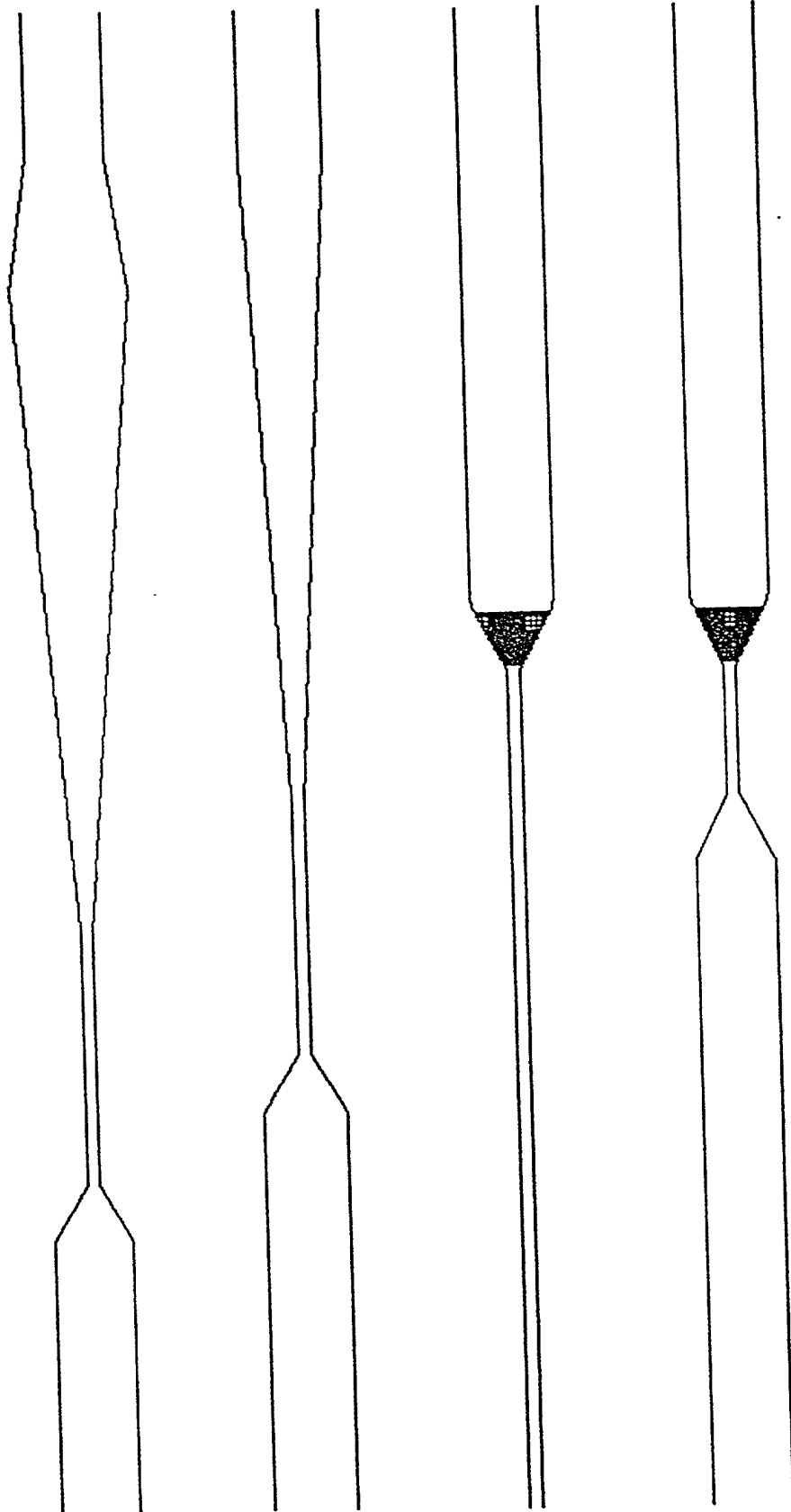


FIG. 4(l)

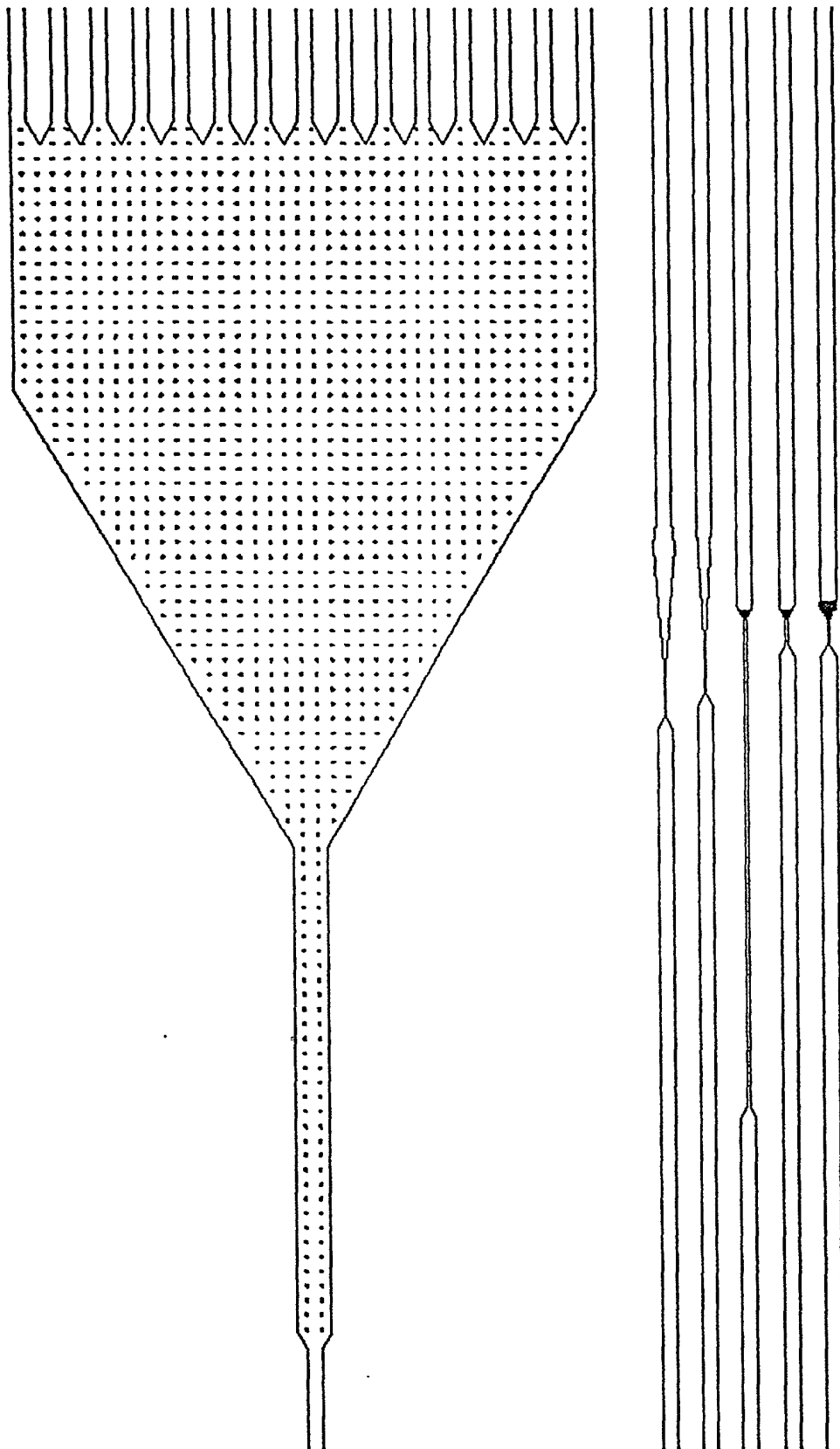


FIG. 4(m)



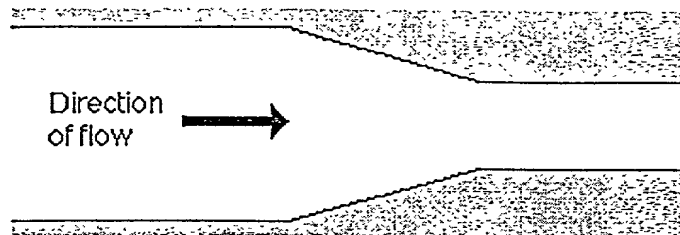


FIG. 5

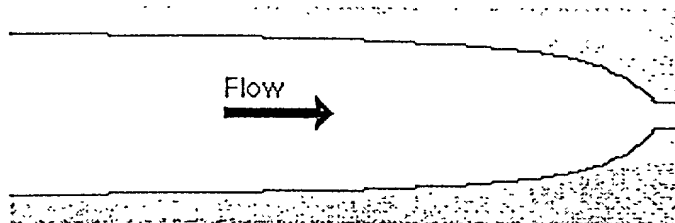


FIG. 6

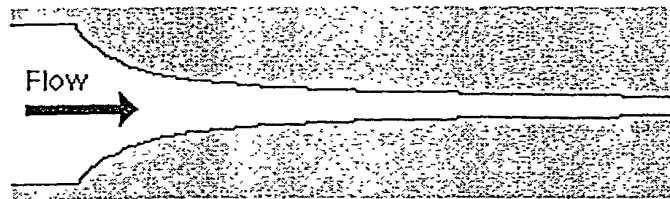


FIG. 7

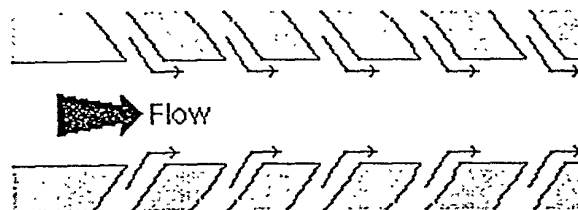


FIG. 8

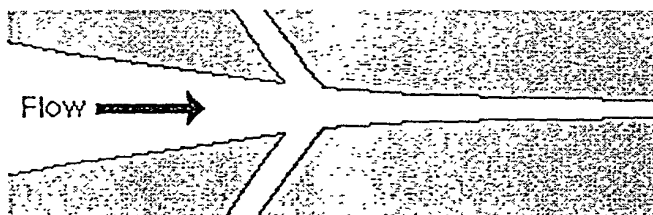


FIG. 9

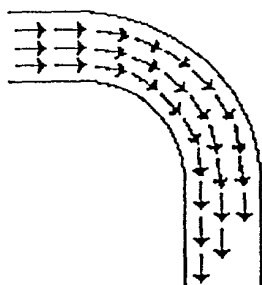


FIG. 10(a)

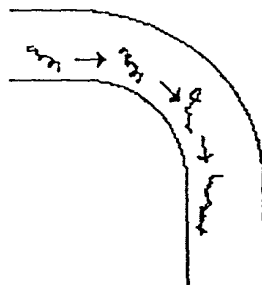


FIG. 10(b)

FIG. 9

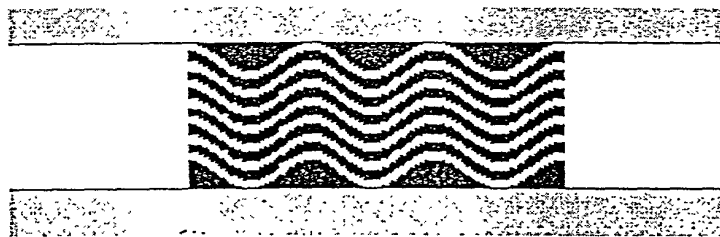


FIG. 11

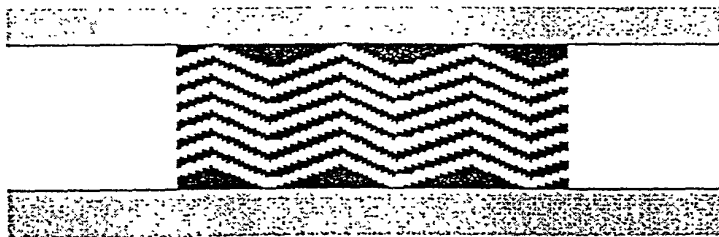


FIG. 12

FIG. 11

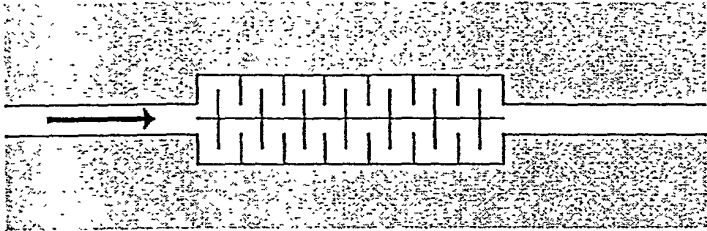


FIG. 13

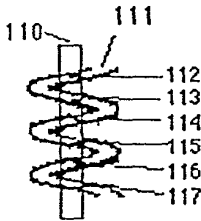


FIG. 14

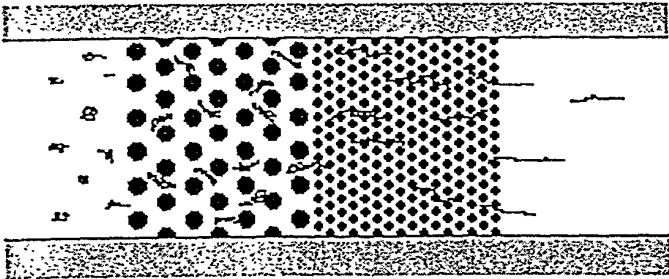
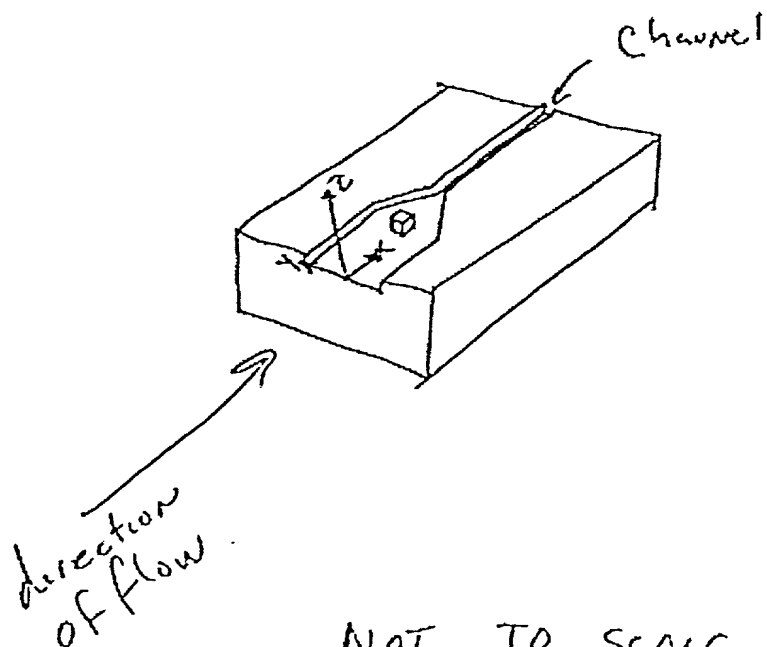


FIG. 15

FIG. 13



NOT TO SCALE  
SHOWN WITHOUT COVER SLIP

FIG. 16

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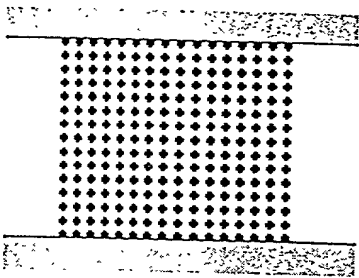


FIG. 17(a)

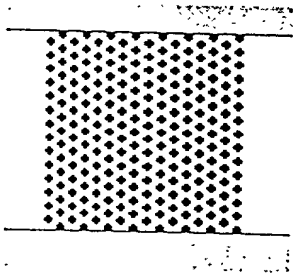


FIG. 17(b)

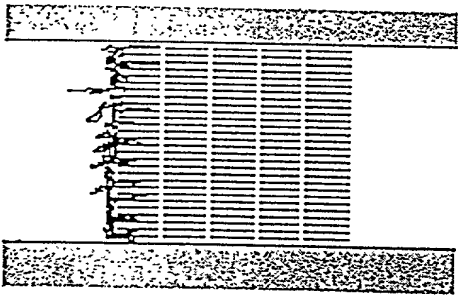


FIG. 18

FIG. 17(a)

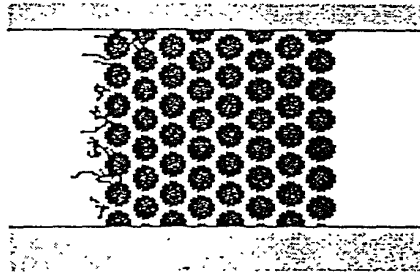


FIG. 19

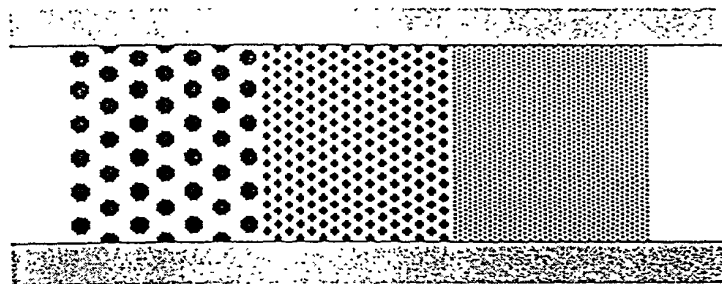


FIG. 20

FIG. 19



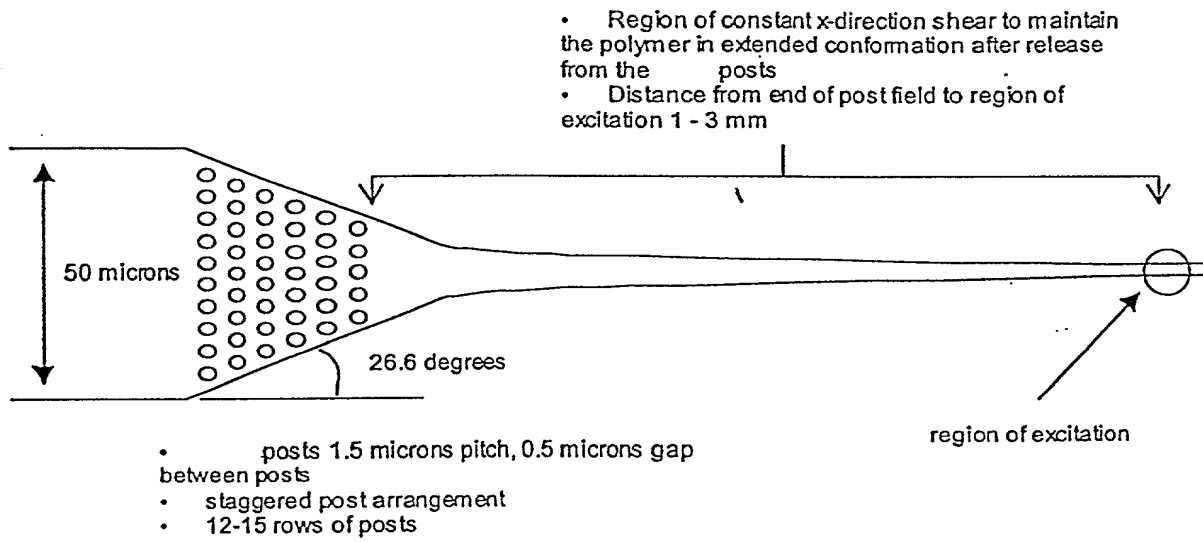
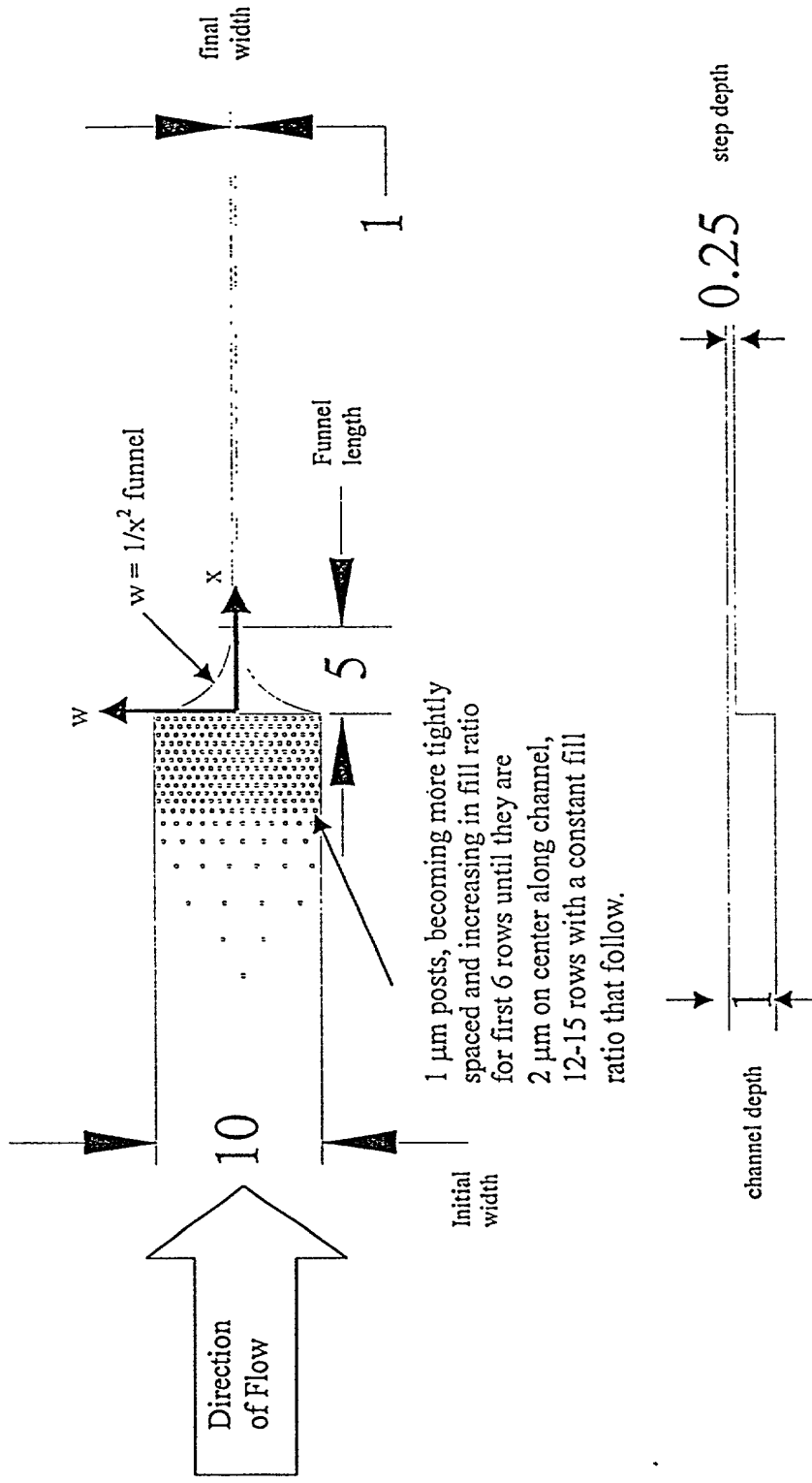


FIG. 21

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Initial width / final width > 10  
 Funnel length < 0.5\*initial width  
 Funnel faster than 1/x  
 Step depth / channel depth <= 1/4



Not To Scale, All Dimensions In

FIG. 22

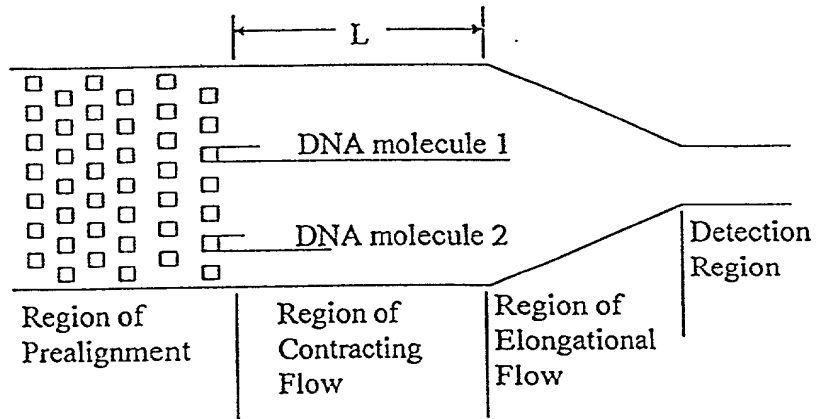


FIG. 23

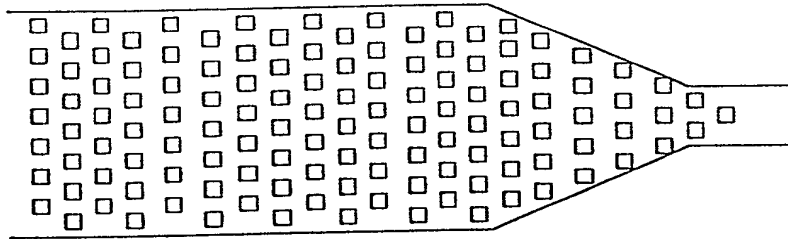


FIG. 24

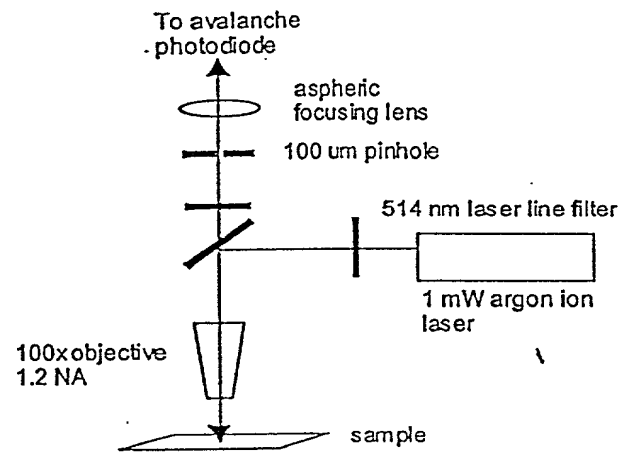


FIG. 25

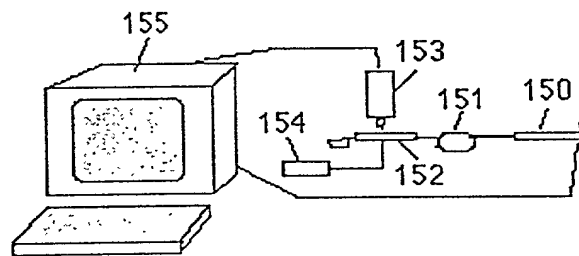


FIG. 26

FIG. 26

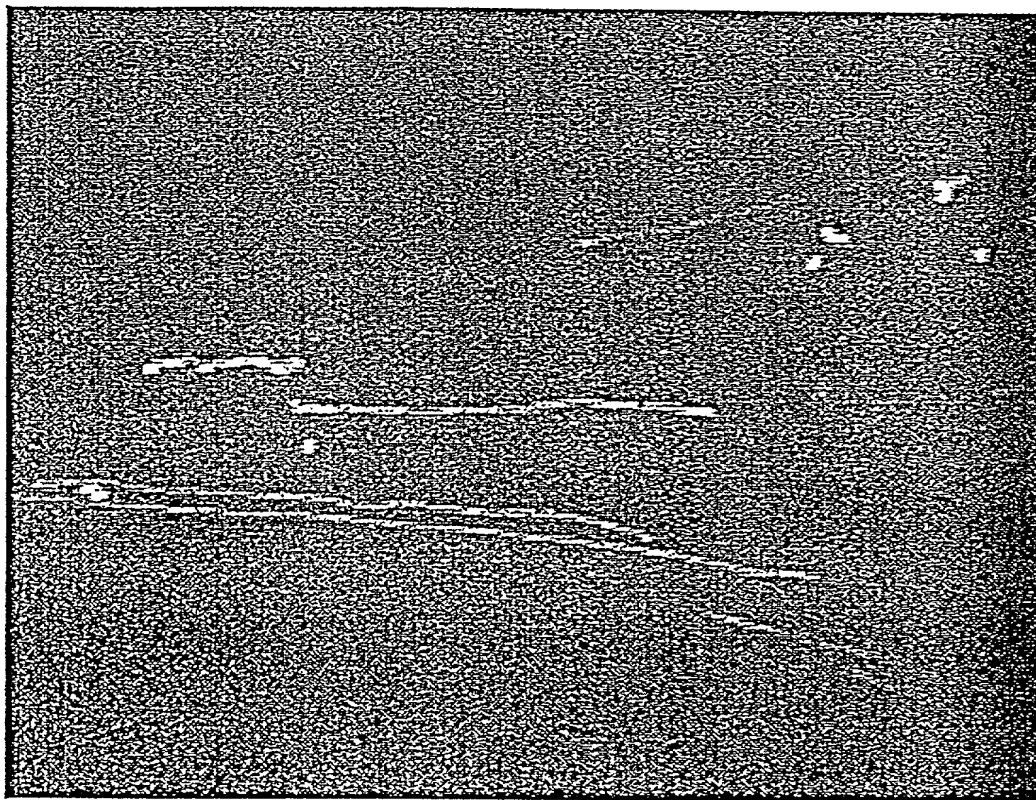


FIG. 27

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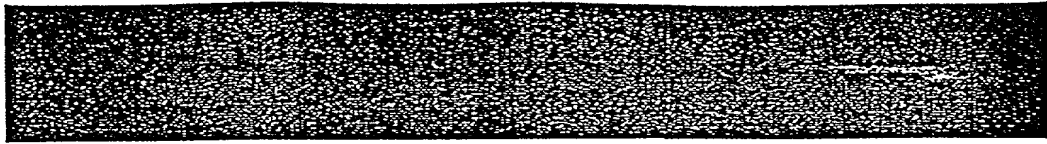


FIG. 28(a)

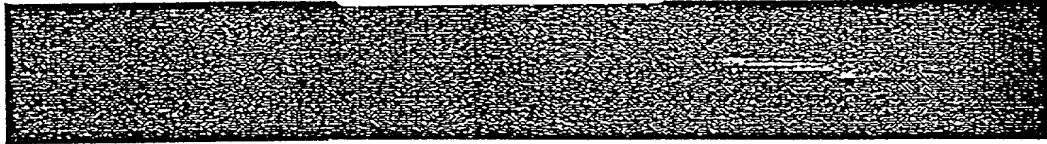


FIG. 28(b)

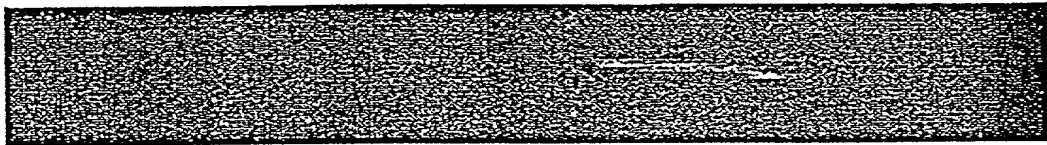


FIG. 28(c)

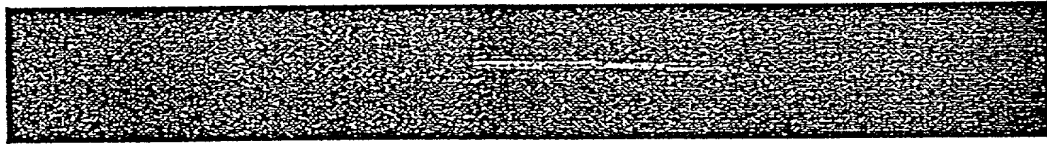


FIG. 28(d)

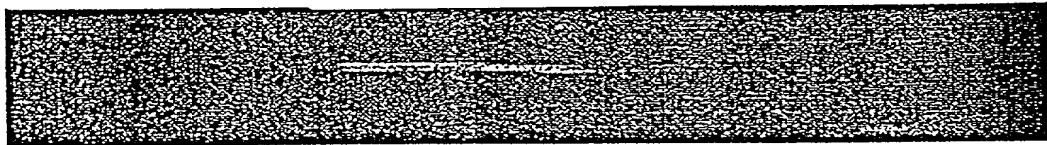


FIG. 28(e)

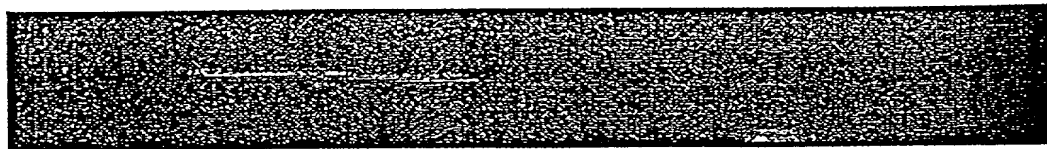


FIG. 28(f)

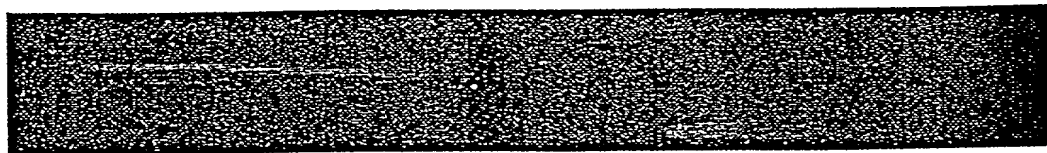


FIG. 28(g)

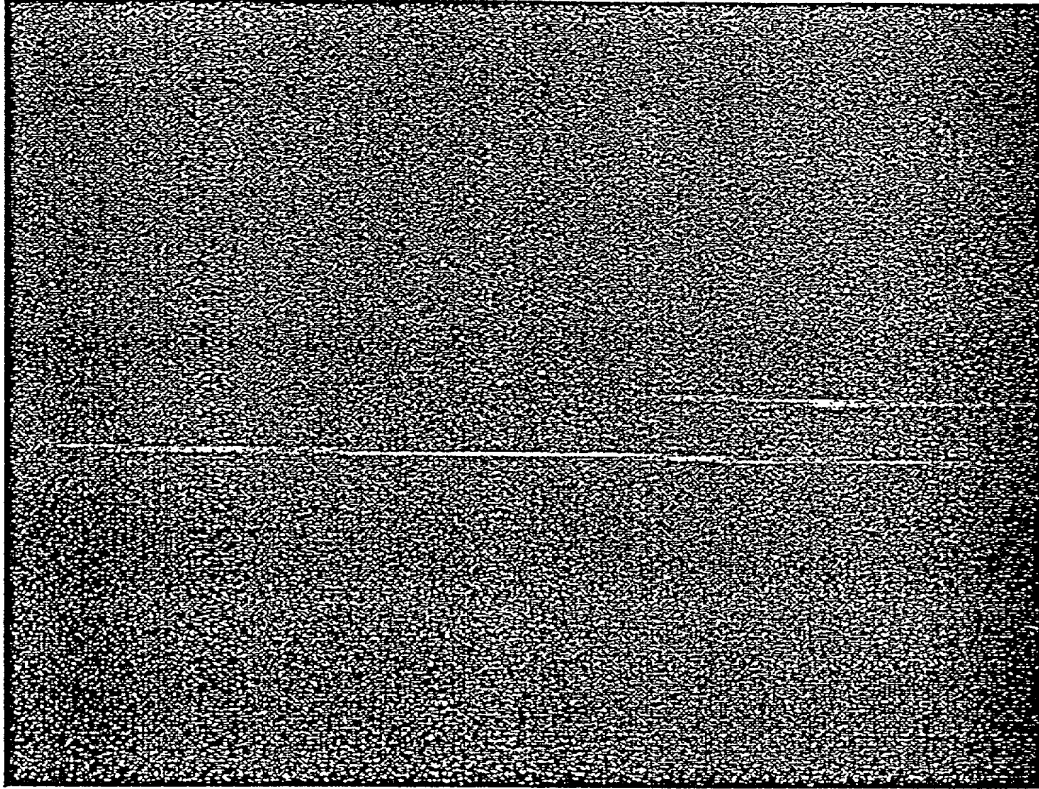


FIG. 29

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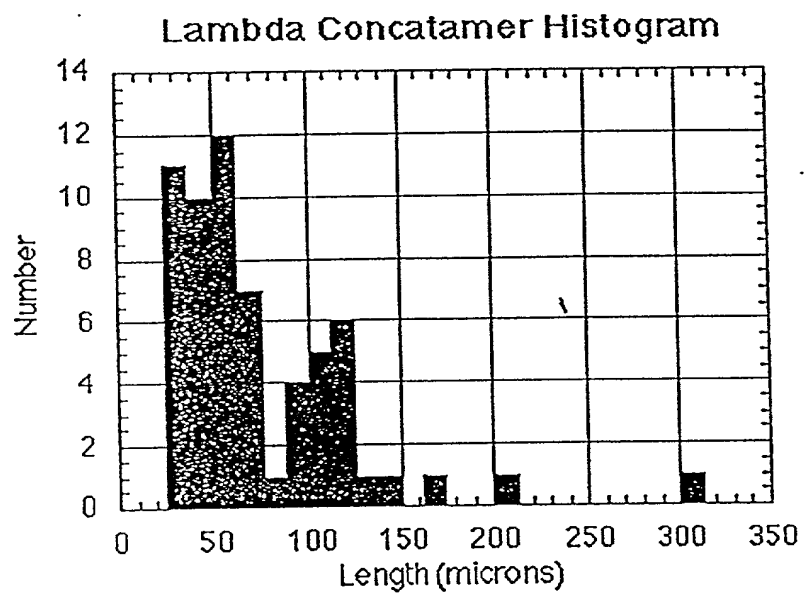


FIG. 30

FIG. 31(a)

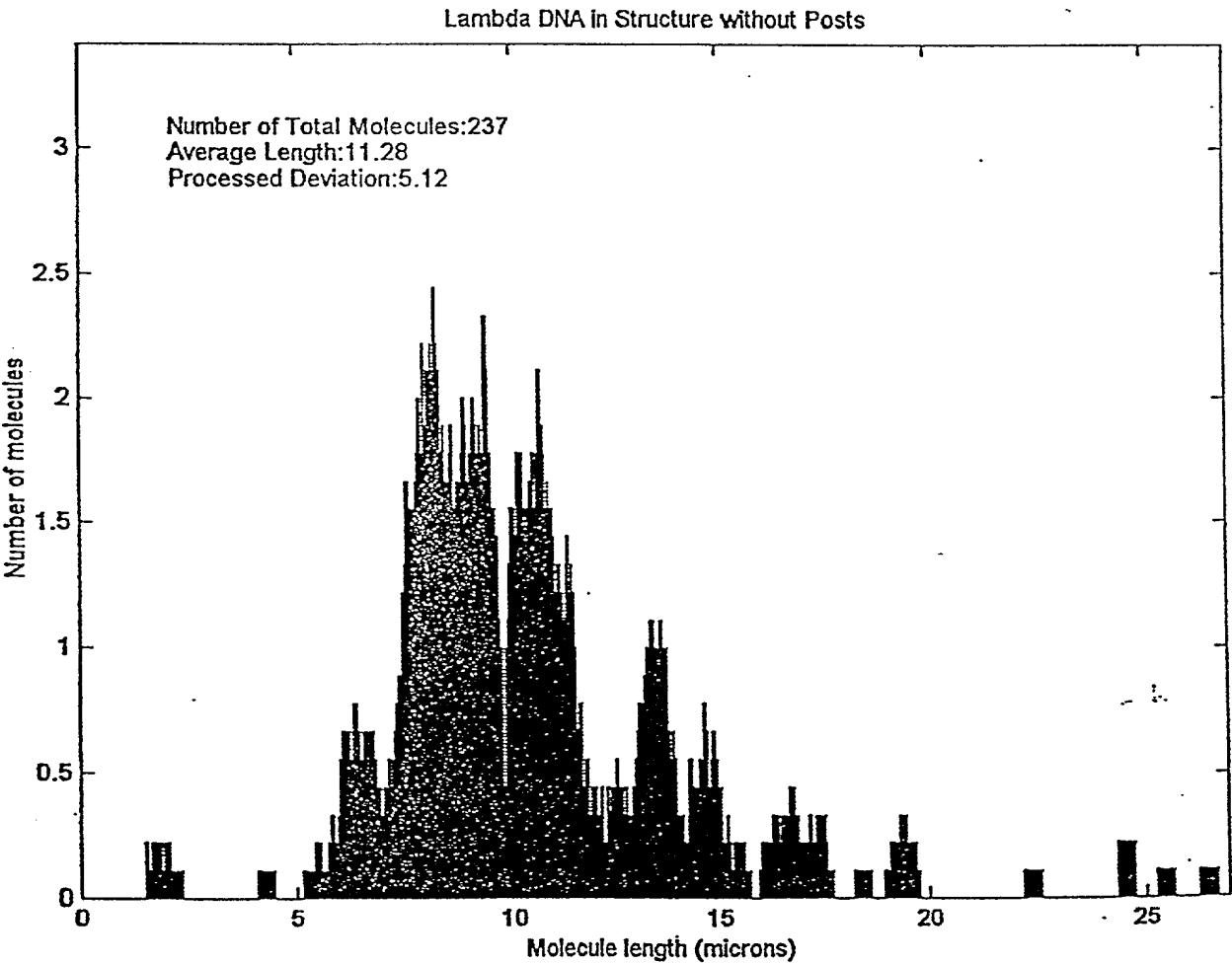


FIG. 31(a)

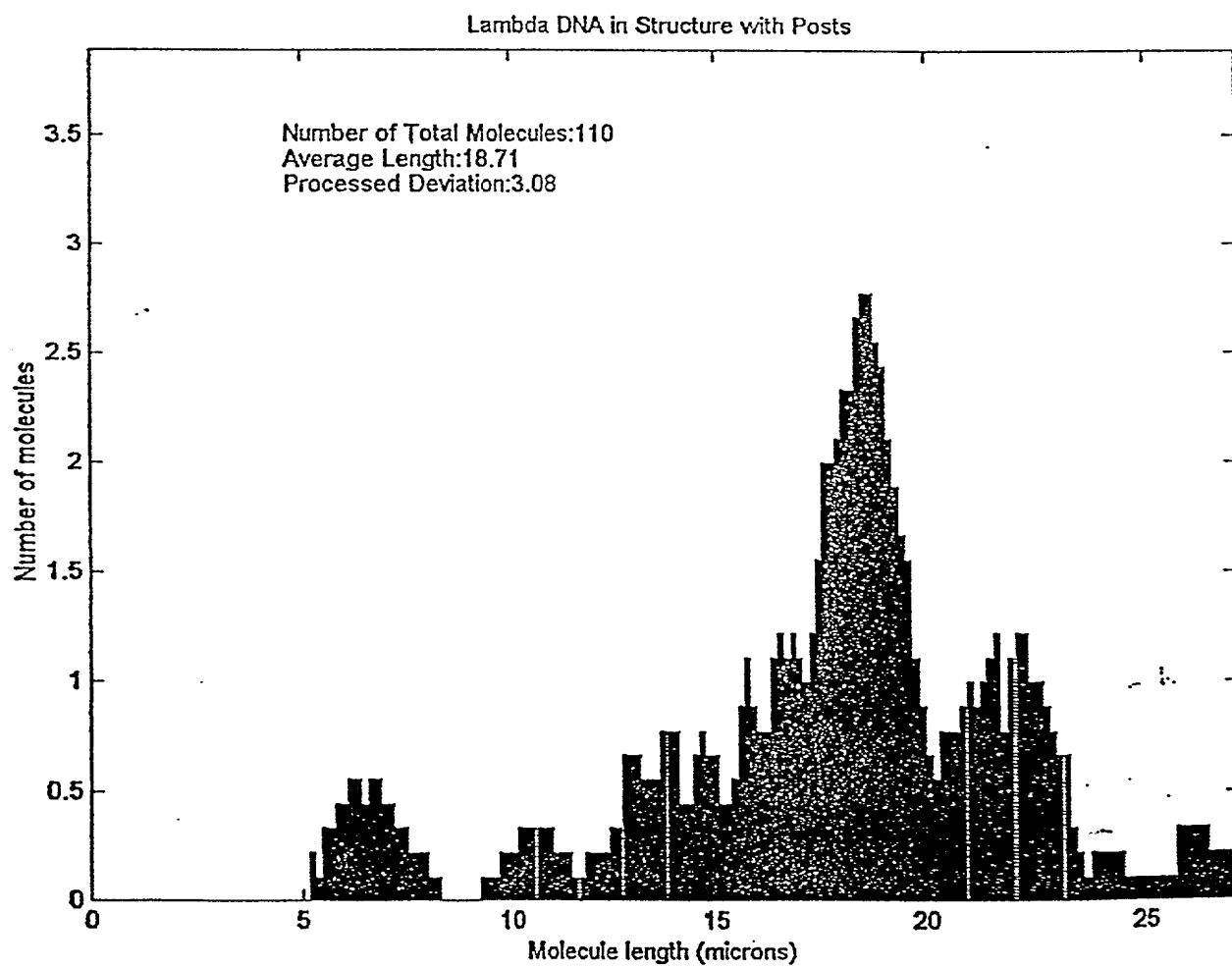


FIG. 31(b)

# Optical Arrangement for Multiple Spot Formation

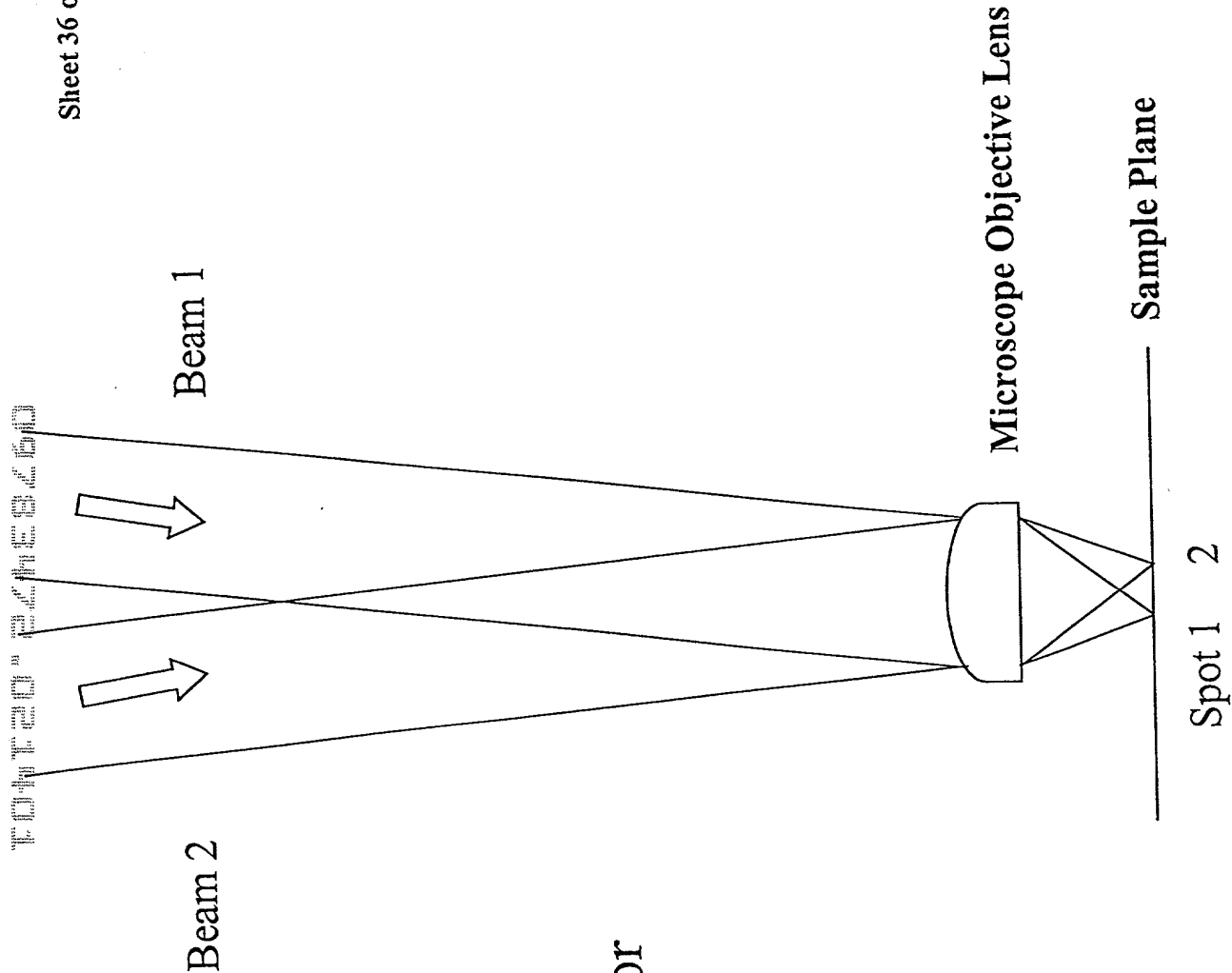
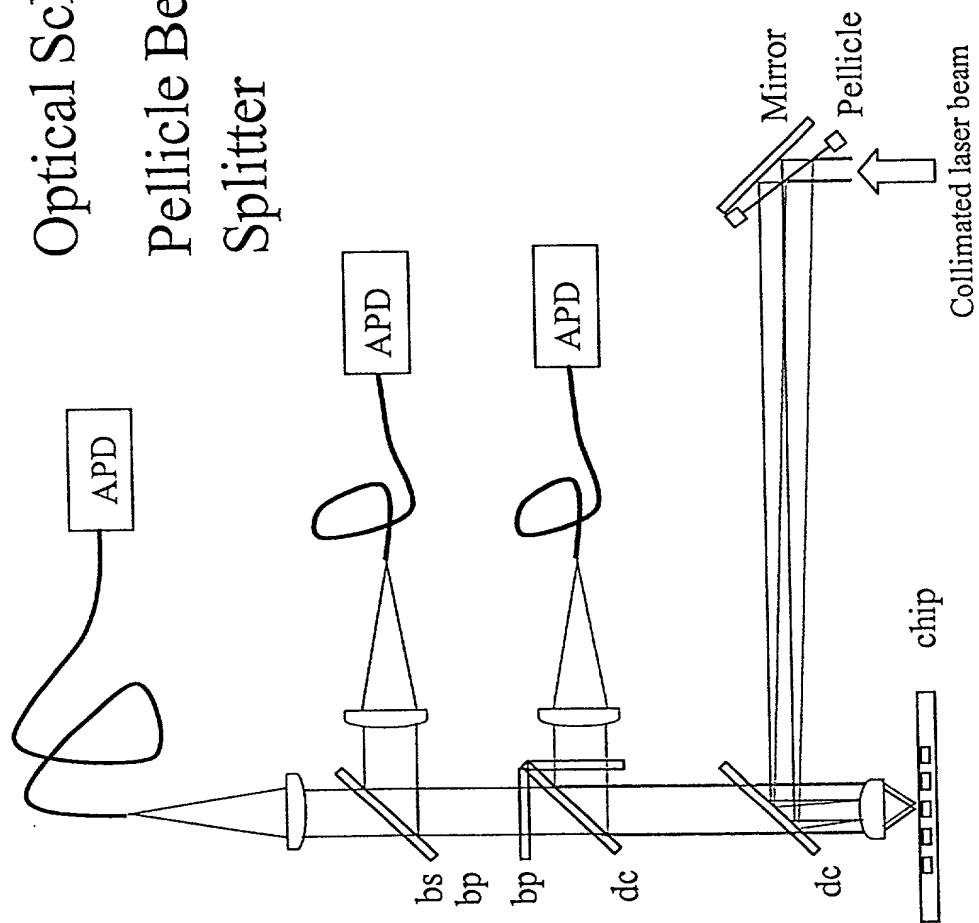
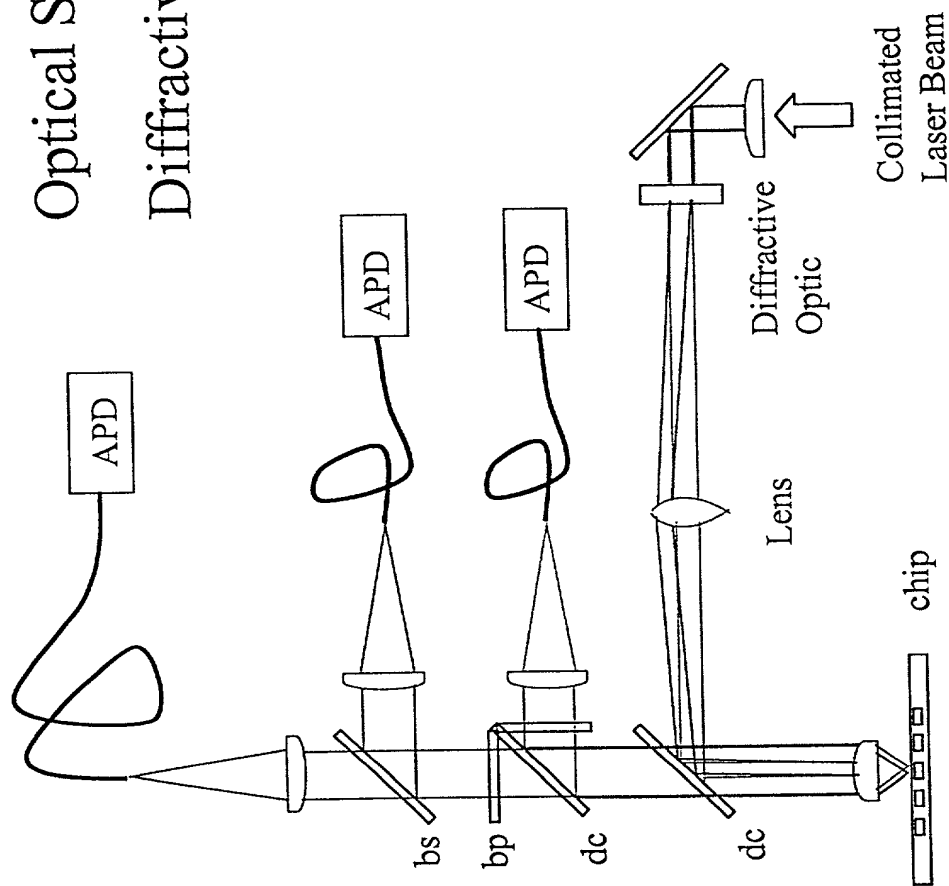


FIG. 32

# Optical Scheme Pellicle Beam Splitter

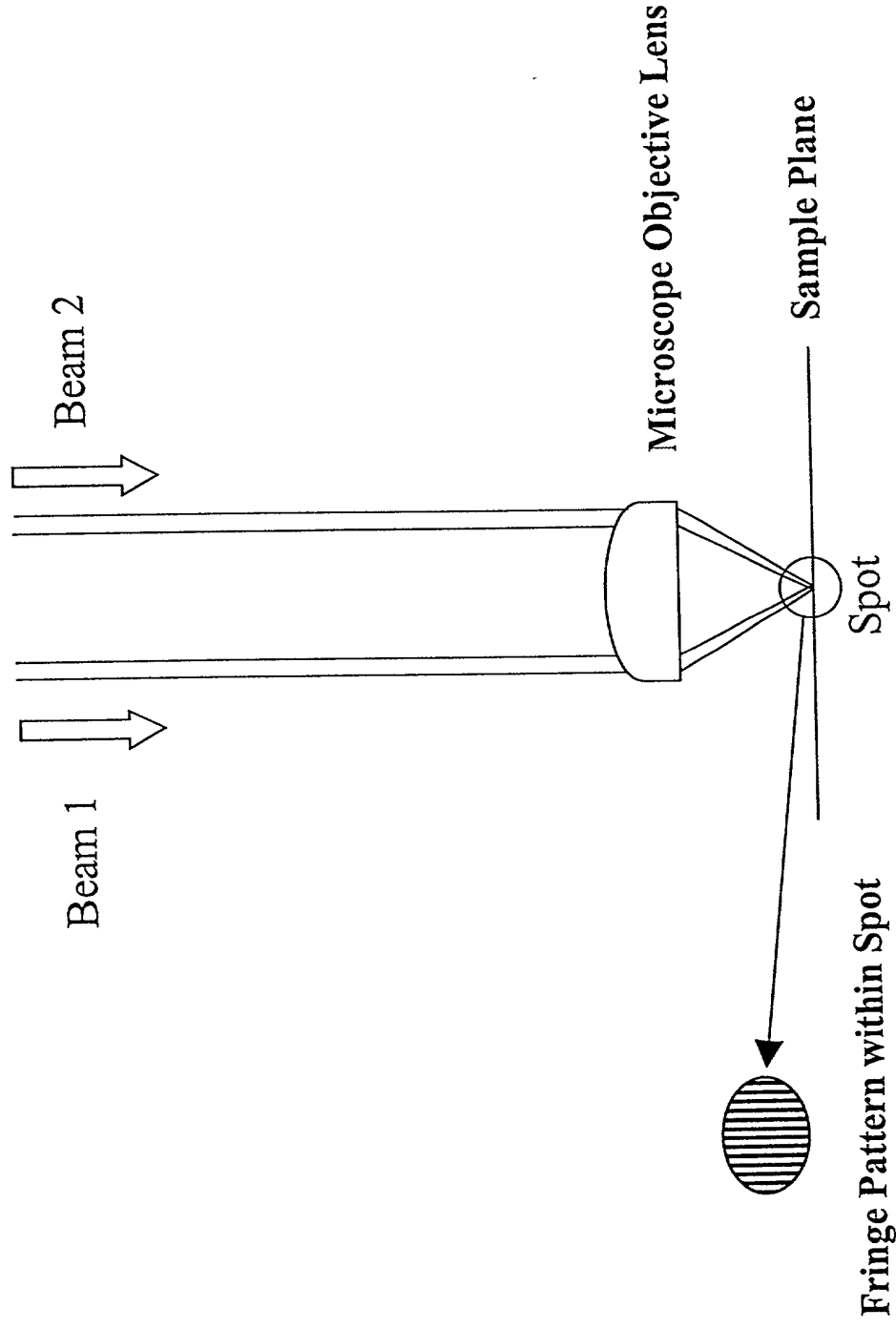


# Optical Scheme Diffractive Optic



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# Optical Arrangement for Single Spot with Interference Fringes



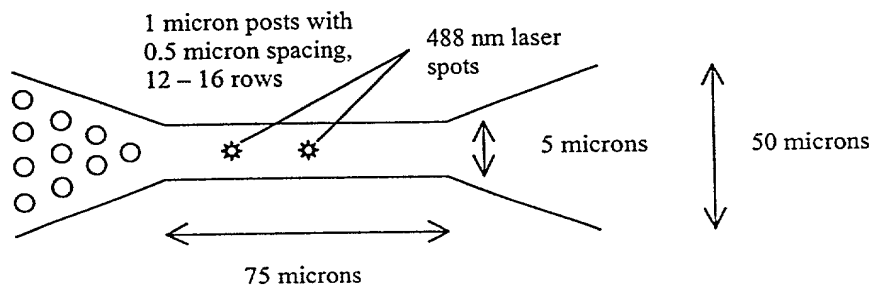


FIG. 36



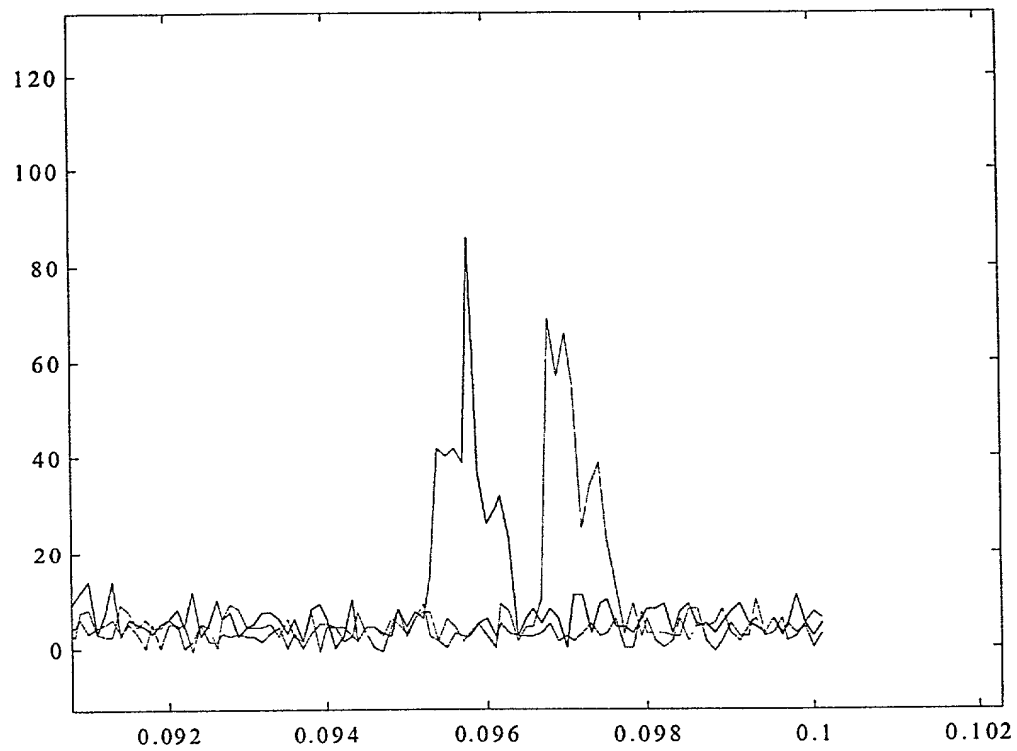


Fig. 37A

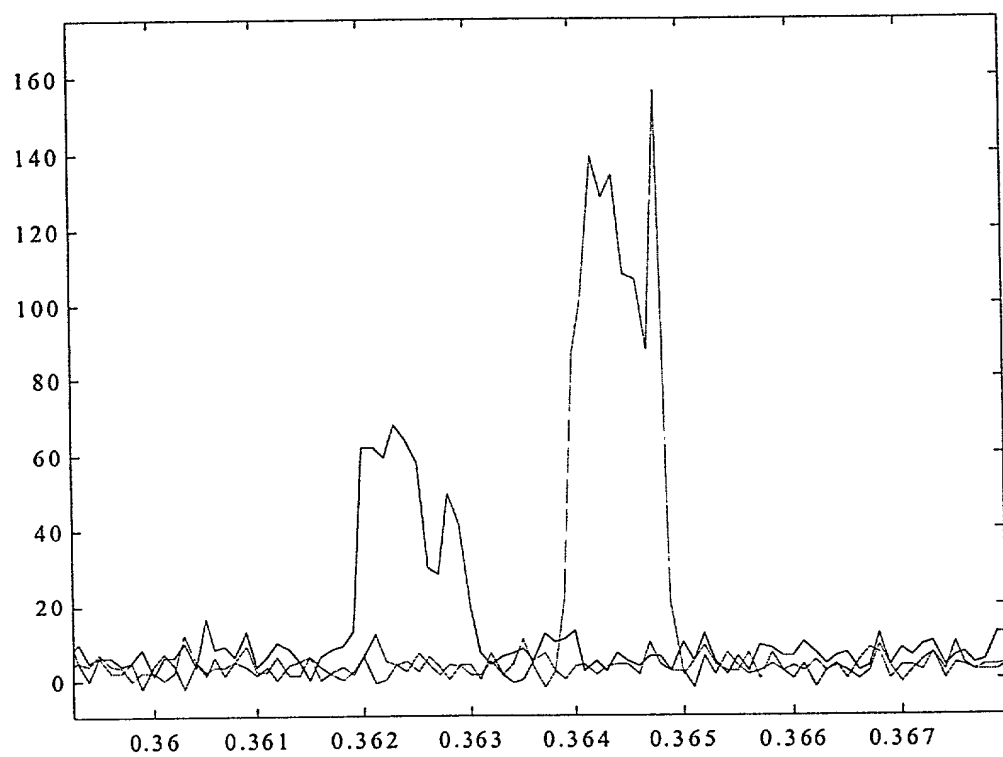


Fig. 37B

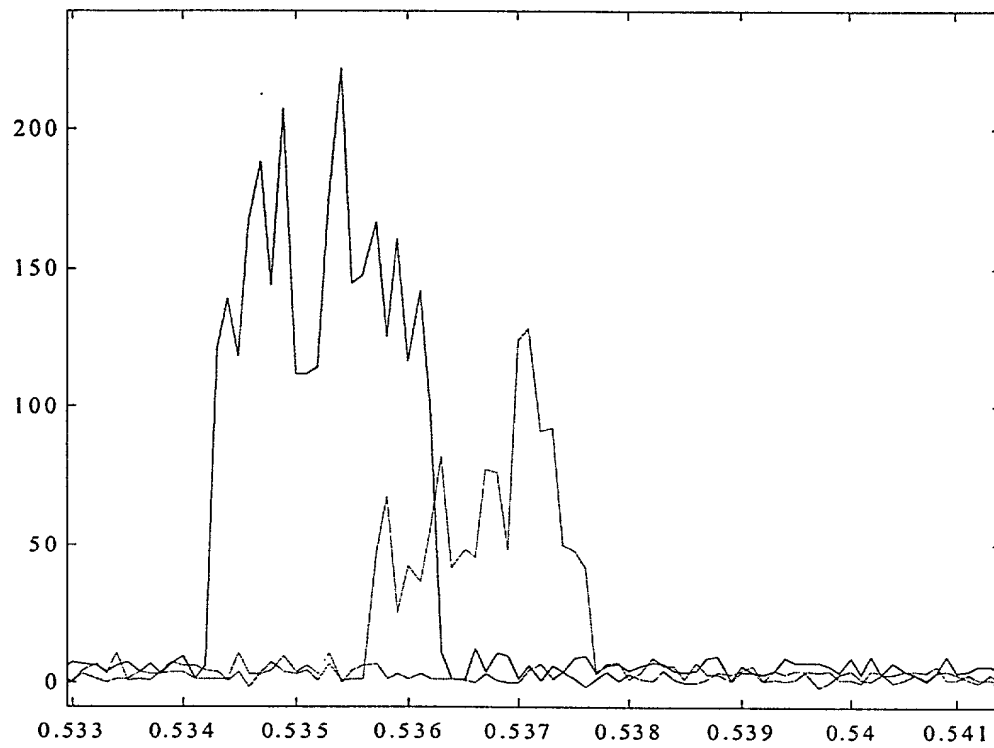


Fig. 37C

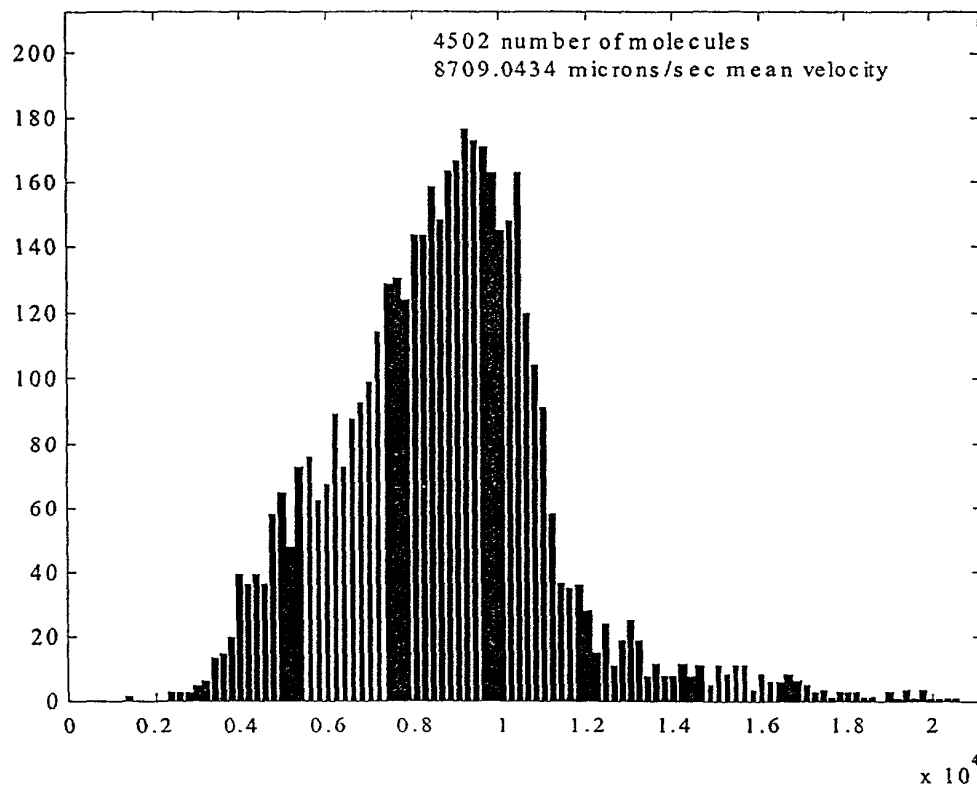


Fig. 38

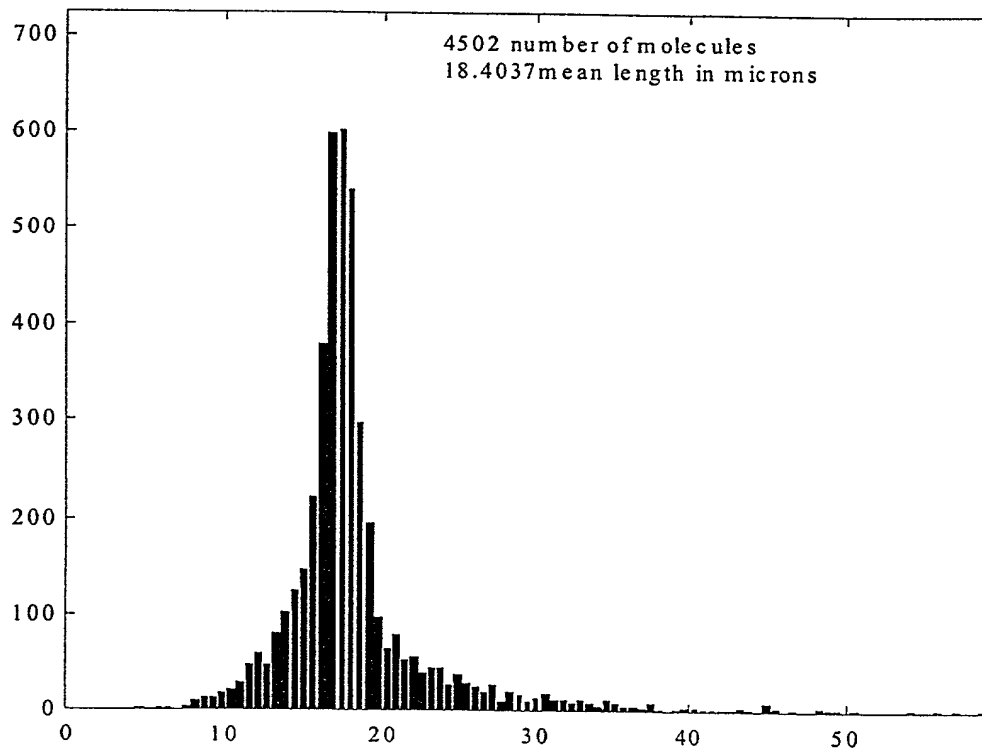


Fig. 39